

Research Article

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Stomopteryx gaesata (Meyrick), little known species in Van and Bitlis Provinces (Lepidoptera, Gelechiidae)

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: *Stomopteryx gaesata* (Meyrick), little known species in Van and Bitlis Provinces (Lepidoptera, Gelechiidae). *Cesa News* 104: 1- 4, 5 figs.

This short paper deals with the occurrence of *Stomopteryx gaesata* (Meyrick) in Turkey. Observational images recorded during excursions of the authors, and also the male genitalia of the species are given. The species is newly reported here for the Van lake basin.

Key words: *Stomopteryx gaesata*, Gelechiidae, Lepidoptera, fauna, genitalia, Bitlis, Van, Turkey.

Meyrick (1913: 66) described a monotypic genus *Inotica* in the family Gelechiidae, based upon the new species *Inotica gaesata*. This species was described from Taurus Mountains in Turkey, based upon a single male, which is preserved in the British Museum (nat. Hist.), London. Zerny (1940: 45) reported this species from “Tarsee-Gebiet (2100—2200m)” in Elburs Mountains (North Iran) in July. He also noted the generic relationship of the species to *Stomopteryx* Hein. Wolff (1958) reviewed the European species of *Stomopteryx* Hein. Sattler (1968, 1973) considered *Inotica* Meyr. 1913 as junior subjective synonym of *Stomopteryx* Heinemann, 1870. Clarke (1969: 204) illustrated the type specimens described by Meyrick and preserved in the British Museum, London. In Clarke’s work, type of *Inotica gaesata*, together with male genitalia were illustrated.

During our excursions in 2014 in Van Province, the authors collected several examples of this species in July. The identification of the species is based upon Clarke’s illustrations of Meyrick’s type.

Originally, it was described by Meyrick from Taurus Mts. in South Turkey. Provincially, we presumed that its type-locality belongs to Iğel Province. After Meyrick’s description, the present records are the second in Turkey (Koçak & Kemal, 2009). Faunistical and ecological information, as well as the illustrations of the adult and the male genitalia are mentioned below:



Fig. 1 - *Stomopteryx gaesata* (Gelechiidae), at rest. East Turkey, Van Prov., Kurubaş Geçidi 2250m, 12 07 2013, M Kemal (Cesa)



Fig. 2 - *Stomopteryx gaesata* (Gelechiidae), at rest. East Turkey, Van Prov., Tuşba, Güvençli (65Nr2) 2040m, 01 7 2014, M. Kemal (Cesa)



Fig. 3 - *Stomopteryx gaesata* (Gelechiidae), same specimen of the fig.2. M. Kemal (Cesa)



Fig. 4 - *Stomopteryx gaesata* (Gelechiidae), male (see for genitalia to Fig. 5). East Turkey, Van Prov., Kurubaş Geçidi 2250m, 12 07 2013, M Kemal (Cesa)



Fig. 5 - *Stomopteryx gaesata* (Gelechiidae), male genitalia (GP2096) and 8th abdominal tergite. East Turkey, Van Prov., Kurubaş Geçidi 2250m, 12 07 2013, M Kemal (Cesa)

Material examined: 2♂ East Turkey: Van Province, Kurubaş, Plavtepe 2250m (65Kd)¹, 12 7 2013, 1♂ Tuşba, Güvençli N., Irerini Mt. 2040m (65Nr2), 1 7 2014, leg. M. Kemal & A.Koçak (CESA). 2♀ from Bitlis Province, Adilcevaz 1860m (13Aa) 24 7 2005 leg.L.Kayci (YYUIRC).²

References

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¹ Code list: <http://www.members.tripod.com/entcesa/Code.pdf>

² Abbreviations: CESA: Centre for Entomological Studies Ankara - YYUIRC: Yüzüncü Yıl University, Insect Research Collection.

Research Article

<http://zoobank.org/urn:lsid:zoobank.org:pub:A088667E-AF24-4133-A92B-F37D2629436F>

Faunistical notes on the species of *Stizus* Latreille in South and East Turkey (Hymenoptera, Crabronidae)

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: Faunistical notes on the species of *Stizus* Latreille in South and East Turkey (Hymenoptera, Crabronidae). *Cesa News* 104: 5-7, 4 figs.

During the excursions of the authors to Şırnak and Van Provinces in South-East and East Turkey, two *Stizus* species were observed, *Stizus kohlii*, and *S. ruficornis*. Both species are new to the provinces. Further faunistical information and images of these species are given.

Key words: *Stizus kohlii*, *ruficornis*, Crabronidae, Hymenoptera, fauna, Van, Şırnak, Turkey.

In Turkey, among the crabronids, 9 species of the genus *Stizus* Latreille, 1802 are known (Ljubomirov & Yıldırım, 2008). These are as follows; *S. annulatus* (Klug), *S. bipunctatus* (Smith), *S. combustus* (Smith), *S. fasciatus* (Fabricius), *S. handlirschi* Radoszkowski, *S. kohlii* Mocsary, *S. perrisi* Dufour, *S. pubescens* (Klug), *S. ruficornis* (Förster), and *S. tricolor* Handlirsch. None of them are reported from Van or Şırnak Provinces so far.

During our excursions to Şırnak and Van Provinces in S.E. and E. Turkey, two *Stizus* species were observed, i.e., *Stizus kohlii*, and *S. ruficornis*. Faunistical information and images of these species are given below briefly:

***Stizus kohlii* Mocsary, 1883**

In Turkey, this species has been reported from İçel Province so far (Ljubomirov & Yıldırım, 2008). The authors recorded this species from Şırnak Province, Beytüşşebap, Dule valley, Öküz mağarası on 16 8 2013. Specimen was observed once on wet ground of a mountain stream (**Fig. 1**). This record is new for Şırnak Province (Koçak, 2014).

Adult phenology: August.

Altitude: 1250m.

Material examined: 1 ex, South-East of Turkey, Şırnak Province, Beytüşşebap, Taşarası, Öküz mağarası 1250m, 16 8 2013, M Kemal (Cesa).

***Stizus ruficornis* (Förster, 1771)**

This species is more widely distributed in Turkey. It has been reported from 10 provinces in Turkey (Ljubomirov & Yıldırım, 2008). The authors recorded this species in two localities of Tuşba district, Karaağaç mezarası (Tutumlu) at 1680m (**Fig. 2**), and Gören (Irerini) Mt. at 2250m (**Figs. 3,4**). The females were observed at the second locality during flying swiftly or feeding hastily on *Echinops* flowers (Asteraceae). This record is new for Van Province (Kemal & Koçak, 2014; Koçak, 2014).

Adult phenology: August, Altitude: 1680-2250m.

Material examined: 3♀, East Turkey: Van Province, Irerini Mt. (65Nır4) 2250m, 4 8 2014, M. Kemal & A. Koçak leg. (coll. Cesa).

References

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- Koçak, A.Ö., 2014, List of the 23773 pterygot species in Turkey based upon the info-system of the Cesa. *Priamus* (Suppl.) 32: 1-876.
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Fig. 1 - *Stizus kohlii* (Crabronidae) –SE Turkey, Şırnak Prov. Beytüşşebap, Taşarası, Öküzmağarası 1250m, 16 8 2013, M Kemal (Cesa)



Fig. 2 – *Stizus* aff. *ruficornis* (Crabronidae), at rest early in the morning. East Turkey, Van Prov., Tuşba, Tutumlu Karaağaç mızr. (65Nb) 1680m, 8 8 2012, M.Kemal (Cesa)



Fig. 3 – *Stizus ruficornis* (Crabronidae), during feeding on *Echinops* (Asteraceae). East Turkey, Van Prov., Tuşba, İrerini Mt. (65Nr4) 2250m, 4 8 2014, M Kemal (Cesa)



Fig. 4 – *Stizus ruficornis* (Crabronidae) . East Turkey, Van Prov., Tuşba İrerini Mt. (65Nr4) 2250m, 4 8 2014, M Kemal (coll. Cesa)

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Announcement of an unethical statement in the Orthopterology

Ahmet Ömer Koçak

Abstract: Announcement of an unethical statement in the Orthopterology. *Cesa News* 104: 8, 2 figs.

In this short note, unethical statement and implementation about the location of the type material are announced.

Keywords: Ethics, location, holotype, *Leptophyes karanae*, *Isophya splendida*, Orthoptera.

After my invitation in 1993, Dr. Piotr Naskrecki visited Turkey (Ankara). In June, I gave consent him for realizing an orthopterological research in Hatay Province. My student Mr. Mustafa Ünal guided him during this excursion. After about two years, the faunistical and taxonomical results were published in 1995.³ In that publication, the authors stated on page 393:

“... a list of **more than 1200 specimens** collected by us in the last decade of June 1993”. Likewise, on page 394: “Most of the listed specimens, **including holo- and allotypes** of newly described species, are deposited in the collection of Centre for Entomological Studies, Ankara [Cesa]...”⁴

Two new species were described in that publication: *Leptophyes karanae* Naskrecki & Ünal, 1995, and *Isophya splendida* Naskrecki & Ünal, 1995. Since then, I have never seen, neither a specimen, nor a type, published or used in that paper. In other words, no specimen used in the publication by Naskrecki & Ünal is preserved in the Cesa collection. These published statements about the deposition of the material are completely incorrect. The evidences on this matter may also be seen in the *Orthoptera Species File* (online).⁵ (Figs. 1, 2). According to these information, holotypes of the species mentioned are in “ANSP Philadelphia”, not in the Cesa collection, as explained in the paper (Naskrecki & Ünal, 1995).

Personally, I cannot explain this situation, and don't find it neither scientific nor ethics! It is hoped that this annoying case is interpreted by the readers properly, and the necessary action is realized as soon as possible.

Specimen records are available.

Citations:

- └ Naskrecki & Ünal. 1995. Beiträge zur Entomologie 45(2):393 >> *Leptophyes karanae* **LS**
- └ Sevgili. 2004. Trans. Amer. Entomol. Soc. 130(1):99 >> *Leptophyes karanae*
- └ Ünal. 2005. Trans. Amer. Entomol. Soc. 131(3-4):428 >> Note: from Syria >> *Leptoph*

Type specimen information:

- └ Type locality: Asia-Temperate, Western Asia, Turkey, Hatay Province, Amanos Mts, Kuz
- └ Kind of type: holotype
- └ Specimen category: male
- └ Location of type: ANSP Philadelphia

Fig.1 – Location of the holotype of *Leptophyes karanae*.

Specimen records are available.

Citations:

- └ Naskrecki & Ünal. 1995. Beiträge zur Entomologie 45(2):398 >> *Isophya splendida* **LS**
- └ Ünal. 2010. Trans. Amer. Entomol. Soc. 136(1-2):132 >> Note: amplipennis group >>
- └ Chobanov, Grzywacz, I.S. Iorgu, Çiplak, Ilieva & Warchalowska-Sliwa. 2013. Zootaxa 31

Type specimen information:

- └ Type locality: Asia-Temperate, Western Asia, Turkey, Hatay Province, Amanos Mountai
- └ Kind of type: holotype
- └ Specimen category: male
- └ Location of type: ANSP Philadelphia

Fig.2 – Location of the holotype of *Isophya splendida*.

³ Naskrecki, P. & M. Ünal, 1995. The Orthoptera of Hatay Province, S. Turkey. *Beitr. Ent.* 45 (2): 393-419, 13 figs.

⁴ <http://www.cesa-tr.org/> - <http://www.cesa-tr.org/Infos.htm>

⁵ Access on 9 September, 2014.

Research Article

<http://zoobank.org/urn:lsid:zoobank.org:pub:1AB6DF64-EA25-4CDA-B41C-0490BC194943>

A preliminary list of the Pterygota of Muş Province, based upon the info-system of the Cesa (East Turkey)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: A preliminary list of the Pterygota of Muş Province, based upon the info-system of the Cesa (East Turkey). *Cesa News* 104: 9 - 69, 1 fig., 18 maps.

This is the first list of the species of 10 pterygot orders known in Muş Province (East Turkey). Totally 545 species of 96 families are given here with synonyms, and distributional codes. Species of the order Lepidoptera are presented in a separate part as 246 taxa of 22 families. Rest of the pterygots are listed as 299 species of 74 families. The present paper is based upon the literary data, and results of several excursions realized by the authors. Separately, one male genitalia of a Geometridae moth, and 18 distributional maps of various groups are added.

Key words: Pterygota, Odonata, Dermaptera, Orthoptera, Homoptera, Hemiptera, Planipennia, Diptera, Hymenoptera, Coleoptera, Lepidoptera, fauna, Muş, Turkey

Muş is one of the little studied province in East Turkey. Koçak & Kemal (2014) ⁶ published the numbers of the species of Lepidoptera and other pterygots, known in this province as 235 and 272, respectively. Total list of the species is given here for the first time as 545.

This year, several faunistical excursions to Varto district are planned by the authors. Therefore, the submitted list is considered as a basic information, regarding the pterygota fauna of the province.

The present paper contains extensive distributional information of each taxa as codes.⁷ It is based upon the literary data, and results of several short excursions realized by the authors. Most of the publications used here are previously mentioned in various papers of the authors.⁸

Part 1 Lepidoptera

Butterflies

Totally, 96 species of 6 families are known from the province. They are listed below alphabetically.

Argynnidae

- 1. Aglais urticae (Linnaeus, 1758)** (Argynnidae) Synonym(s): urticae Linnaeus, 1758; opima Verity, 1919; variegata Querci, 1932; strandi Verity, 1936. Taxref.: Papilio urticae Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 477. Type(s): [Sweden (Verity, 1950)]. Range (in code): **AL Bn Kts AT Ba BE BG BY CH CN Co CZ DE Dj DK EE ES FI FR GB GR HU IE Ii IS IT KG LB LT LU LV MK MN NL NO PL PT RO RU Sa SE Sem SI Si SK Sm So Sr Ti Tk TR T-S UA Ui Uk Vt YU Cw Dv Smt H-W Sur Ssx Ken Sr So Tt Sb Cb Kg Or Uk**

⁶ Koçak, A.Ö. & M. Kemal, 2014, Faunal list of the Lepidoptera of the provinces in Turkey, together with the recorded pterygots. *Cesa News* 97: 1-3.

⁷ Code list can be freely obtained from the following address: <http://www.members.tripod.com/entcesa/Code.pdf>

⁸ Vide: Koçak, A.Ö. & M. Kemal, 2010, Evaluation of the lepidopterological bibliography based upon the Info-system of the Cesa. *Cent. ent. Stud., Priamus* (Supplement) 21: 1-1185, 59 figs. 3 graphics.

- Koçak, A.Ö. & M. Kemal, 2011, Revised Bibliography of the Lepidoptera of Turkey. *Cent. ent. Stud., Priamus* (Suppl.) 22: 1-91.

- Koçak, A.Ö., 2014, List of the 23773 pterygot species in Turkey based upon the info-system of the Cesa. *Priamus* (Suppl.) 32: 1-876.

Aq Rk Kt Pp Kw Ty Om Pw No To Mu Kuz Sli At Mn Sp Tk As Tm Db Buc Ssn Tar Sau DsA TrA Ax KuA TeA Um Ku Kml Adu IQ IR Ab Jal Ak Elb Th Mz Kh GG AM AZ Smt Bku Cc US Msc Ny Arr Nra 01 02 03 04 05 06 07 08 10 11 12 13 14 16 17 18 19 21 22 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 52 53 55 56 58 60 61 62 65 66 69 70 73 74 75 76 78 81 04D 04Db 05A 06D 06G 06H 06R 06Rd 12B 13G 13Gs 13Gv 13Gw 23D 23Dc 25C 25Ca 25F 25Fa 25Fb 25Fc 30B 30Bb 30Ba2 30Bk 30Bp 30C 30Ca 30D 30Dx 31M 39C 46G 46Gf 49E 49Ea 49F 49Fd 56F 56Fc 58G 58Ga 58R 62G 62Ga 65D 65Dc 65Dç 65Dd 65Df 65Dk 65Dr 65Drb 65E 65Eb 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fg 65Fj 65Fp 65Fq 65F2 65Fz 65K 65Kl 65Kg 65N 65Nk 65Nr2 65Nm 66A 66P 66Pa 73A 73Ae 75F 75Fg 75Fj

2. **Argynnis (Fabriciana) niobe (Linnaeus,1758)** (Argynnidae) Synonym(s): niobe Linnaeus,1758 Taxref.: Papilio niobe Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Type(s): [Sweden (Verity,1950)]. Range (in code): Kz Elb Dam Gor AL Am At Sj Kts AT Aty Ba BE BG BY CH CN CZ DE DK EE ES FI FR GR HU Ir IT KG KK Kr LB LT LU LV MK MN NL NO PL PT RO RU Sb SE Si SK Sm So Sr Sz TR UA Ui Ku Um Adu Uk Vi YU Sau Tar DsA TrA KuA Ax Ket T-S AM GG AZ IQ IR IL TM Kp TJ His Drw Pm Al Mu Nv Ord Tbl Smt Bjo Cc Ab Jal Mz Gls Kh AF Bq Prw Pnj 01 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 49 50 51 53 56 58 60 61 62 65 66 69 71 70 73 74 76 80 04D 04Db 05A 06B 06H 06K 06P 06R 06Rd 06V 06Z 12A 12Ab 13G 13Gv 13Gw 23E 23I 23Ia 23Ib 23M 24E 24Ea 25F 25Fa 25Fb 25Fc 27C 29A 29Ae 30A 30Aa 30B 30Bc 30Bg 30Bf 30Bj 30Bq 30D 30Dj 31M 44E 44Ej 46F 46Fc 46G 46Gf 49E 49Ea 49F 49Fd 56F 56Fc 62G 65D 65Dd 65Dda 65Df 65Dj 65Di 65Dlc 65Dk 65Dm 65Do 65Du 65Dü 65Dn 65F 65Fe 65Fg 65Fh 65Fj 65K 65Kö 65Kg 66A 66P 66Pa 80B 80Bc

3. **Argynnis (Pandoriana) pandora ([Denis & Schiffermüller],1775)** (Argynnidae) Synonym(s): pandora [Denis & Schiffermüller],1775; maja Cramer,1775 nec Fabricius,1775; cynara Fabricius,1777; cyrnea Schwerda,1926; transcaucasica Moucha ,1967; deserticola Gross & Ebert,1975. Taxref.: Papilio pandora [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 176. Type(s): Austria: Vienna district. Range (in code): AF AL AM At AT AZ BG B-H BY CH CN Cn Co Cr CZ DZ DE EE ES Fe FR GG GR HU HV IQ IR IT LB Kr MA MK PL PT RO RU Sa Si SK Sr SS TJ Pm TM TN TR T-S UA Ui UZ VI YU Z-G LAT Wn SY Aq Uk KG Nym Buc Ktm Sau Tar DsA Ket Bog Tu TeA KuA TrA Tm Ax KK Um PK Gg Ci Adr Mu Mu18 Um Ae CY T-S Ab Oru Elb Th Mz Gls Nv Ord Tbl Bjo Smt Cc Mos Lbs Agi Blid Taz Dju Tth Mage Abe Dje Khh Sbd Orn Tlm Hrh Dzc Azr 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 49 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81 04D 04Db 05A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 09K 09Ka 12A 12Aa 12B 13A 13Ab 13C 13Cd 13G 13Gs 13Gv 13Gw 14I 14Ib 21K 21N 21Nb 21P 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 27C 29A 29Ae 30B 30Br 30D 30Dx 31F 31Fb 31M 38H 38Hc 39C 44A 44Ab 44F 44Fb 44O 44Oi 46F 46Fc 46Fe 46Fi 46G 46Gi 46L 46Lb 49Ea 56F 58G 58Ga 58Gi 58R 58Rb 65D 65Dk 65Dm 65Do 65Dr 65Drb 65G 65Gd 65Ge 65F 65Fe 65Fg 65Fj 65Fi 65Fu 65Fç 65Fp 65Fz 65K 65Kg 65Kl 65Kö 65Ks 65Ku 65Kz 66A 66P 66Pa 72E 72Ec 72Eg 72F 73D 73Db 76B 76Bf 76Bh 76C 76D 76Da 76Dg 78D 78Da 80A

4. **Brenthis daphne (Bergsträsser,1780)** (Argynnidae) Synonym(s): daphne Bergsträsser,1780; chloris Esper,1778 nec Fabricius,1775; epidaphne Fruhstorfer,1907; nikator Fruhstorfer,1909; tenuitermaculosa Verity,1922; syriaca Belter,1935; anatolica Belter,1935. Taxref.: Papilio daphne Bergsträsser,1780, Nomencl. Besch. Ins. 4: 32, Taf. 86 figs. 1,2. Type(s): Deutschland: [Hanau-Münzenberg]. Range (in code): AZ Sms At AT Ba BG BY CH CN DE ES FR Co GG GR HU IT JP LT IR Ak MK PL RO RU Si SK Sm So Sr TR UA YU KG Uk TM Kp T-S TrA DsA Tar Sau Da Bjo Smt Cc Ab 01 03 05 07 08 10 11 13 15 16 17 20 22 23 24 25 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 59 60 62 69 73 76 80 05A 13G 13Gw 23I 23Ia 25F 25Fa 25Fb 30A 30Aa 30B 30Bc 30Bf 30Bj 31F 31Fb 33A 35L 39C 45L 45La 49E 49Ea 80B 80Bc

5. **Brenthis hecate ([Denis & Schiffermüller],1775)** (Argynnidae) Synonym(s): hecate [Denis & Schiffermüller],1775; harmothoe Fruhstorfer,1917; florida Verity,1919; stricta Verity,1933. Taxref.: Papilio hecate [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 179. Type(s): [Austria]: Vienna district. Range (in code): Buc At Bn Al AT Ba BG BY CZ ES Mu FR GG Aj AM Arr Da Cc GR HU IT IR Ak Kr LT MK RO RU SK Sm Sr TR Arr UA Vi YU LAT Wn T-S Kg Pm Sb Ur Nym Tar Sau TrA DsA Aa Tk Tu TM Kp CN Ui Ab 03 05 06 08 10 13 16 23 24 25 29 30 34 36 37 39 42 44 49 58 60 62 65 66 69 70 73 74 75 76 05A 06G 06K 06R 13G 13Ga 23I 23Ib 25F 25Fa 25Fb 29A 29Ae 30B 30Be 30Bg 49E 49Ea 58G 58Gi 65D 65Dc 65Do 65F 65Fb 65Fe 65Fz 65K 65Kb 65Kc 65Kl 66P 66Pa 75F 75Fc 76C

6. **Issoria lathonia (Linnaeus,1758)** (Argynnidae) Synonym(s): lathonia Linnaeus,1758; saturata Röber,1897; hungarica Aigner-Abafi,1906; florens Verity,1916; emiflorens Verity,1919; attenuata Sagarra,1926; nigroprivata Verity,1933. Taxref.: Papilio lathonia Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Type(s): [Sweden (Verity,1950)]. Range (in code): Adr AF AL At Kts AT Ba BE BG B-H BY Ch CH CN Cn Co CZ DE DK DZ EE ES FI FR GB GR HU HV IE IR IT KG KK Kr LB Ld Lt LU LV MA MK NL NO PK PL PT RO RU Sa SE Sem Si SK Sm So Sr SS TJ Tk TM TN TR T-S UA Ui Uk UZ VI YU NP SI Ken Tm Sau Tar DsA TrA KuA Ax TeA Mu Mu18 T-T Sz Ket PK Ci Nwf Sfk Bl MM Abb Mre IQ Cc GG AZ AM Nv MD Tls T-S Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Gls Kh Nra Ifr Lkr Dju Agi Lbs Sbd Azr Hr Ng Lgh 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 48 49 50 51 52 53 55 56 57 58

59 60 61 62 65 66 67 69 70 71 73 74 75 76 77 78 80 81 04D 04Db 05A 06A 06B 06C 06G 06H 06K 06N 06P
06R 06Rd 06S 06V 06Z 12A 12Ab 13A 13Ab 13Ac 13F 13F35 13G 13Gö 13Gg 13Go 13Gs 13Gv 13Gw 21N
21Nb 23E 23I 23Ia 23Ib 23M 25F 25Fa 27C 27Cb 30D 30Df 31F 31Fb 31M 39C 44A 44Aa 44Ab 46F 46Fc
46G 46Gi 49E 49Ea 56D 56Dc 56F 56Fn 58G 58Gi 58N 65D 65Dj 65Dk 65Do 65Dr 65G 65Gd 65Ge 65F
65Fg 65Fh 65Fd 65Fe 65Fi 65Fq 65Fs 65Ft 65K 65Kk 65Ka 65Kc 65Kl 65Kö 65Ks 65Kp 65N 65Nk 65Np
65Nm 66A 66P 66Pa 73D 73Da 73Dg 75F 75Fc 75Fi 75Fj 76A 76Ad 78D 78Da

7. **Limenitis (Azuritis) reducta Staudinger,1901** (Argynnidae) **Synonym(s):** *reducta* Staudinger,1901. **Taxref.:** *Limenitis camilla* var. *reducta* Staudinger,1901, Cat. Lepid. Palaearct. Faunengeb. 3 (1): 22,nr.135a. Syntypes: [Armenia]: Arm. or; [Iran]: Hyrc. Lectotype ♂: Azerbaidjan: Hankynda, designated by Wagener,1995, Die Tagfalter der Türkei: 978. **Range (in code):** **Ae AL AM AT AZ BG B-H BY CH Co CZ DE ES Mu FR GG Cc GR HU HV IL IQ IR Ab Ak Elb Fa Gl**
Kh IT JO Kp LB LU MK NL Rd RO RU Sa Si SK Sm Sr SS SY TM TR UA YU CY 01 02 03 05 06 07 08 09
10 11 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 50 51 52
53 55 56 58 59 60 62 65 66 67 71 72 73 75 76 77 78 05A 06B 06C 06G 06K 06P 06R 06Rd 06V 13C 13Cd
13Cf 13Cg 13G 13Gy 21N 21Nb 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 30B 30Bo 30Br 31B 31L 31La 39C 45L
45La 46F 46G 48A 48Ah 48D 49F 56F 65D 65K 65Dl 65Do 65F 65Fc 65Fd 65Fu 65K 65Kg 66A 72E
72Ec 73A 73Ad 73Ad2 73D 73Dg 73Df 75F 75Fd 76D 76Da 78D 78Da

8. **Melitaea (Cinclidia) ornata Christoph,1893** (Argynnidae) Synonym(s): ornata Christoph,1893; uralensis Krulikowsky,1897 nec Evers.,1844; ufensis Krulkowsky,1902; lokris Fruhstorfer,1908; telona Fruhstorfer,1908; amanica Rebel,1917; emipunica Verity,1919; punicata Ragusa,1919; dorae Graves,1925; nigrogygia Verity,1939; enoch Higgins,1941; #asciata Wiltshire,1946; capeola Varga,1967; kovacs Varga,1967; abbas Gross & Ebert,1975 Taxref.: Melitaea phoebe var. ornata Christoph,1893, Dt. ent. Z., Iris 6: 87. Type(s): [Russia]: Südural: Guberler. Range (in code): BG Slv Rh Bgz He ALb IL Pa Hf JO LB Elb Th Bk Fa Ke TR Cc SY IQ Ama Hjo IR Shr At Bn Ao Bs KG Or RU Sr Tt Uk V1 TR HU 01 02 03 05 06 07 08 10 12 13 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 41 42 43 44 46 48 49 50 51 55 56 58 60 62 65 66 68 69 70 71 73 76 80 05A 06B 06C 06G 06H 06K 06N 06Ne 06P 06R 06Rd 06S 06V 06Z 13C 13Cm 13F 13G 21N 21Nb 27C 27Cb 31F 31Fb 44E 49E 49Ea 56F 56F1 56fg 56Fp 56Fm 56Fy 56Fs 58C 58G 58Ga 58Gi 62H 65D 65De 65Dr 65Drb 65F 65Fz 65Fç 65N 65Np 65Np7 65Nm 66A 66P 66Pa 73D 73Dg 76D 76Dg 80B 80Bd

2. **Melitaea (Didymaeformis) didyma (Esper,[1779])** (Argynnidae) Synonym(s): didyma Esper,[1779]; cytheris Müschen,1781; neera Fischer de Waldheim,1840; meridionalis Stauding,1861; occidentalis Staudinger,1861; dalmatina Staudinger,1861; graeca Staudinger,1870; jaika Krulikowsky,1897; kasanskyi Krulikowsky,1901; mauritanica Oberthür,1909; mauretanica Oberthür,1909; patycosana Turati,1911; nisseni Rothschild,1913; interposita Rothschild,1913; oreithya Fruhstorfer,1917; druentia Fruhstorfer,1917; lesora Fruhstorfer,1917; naina Fruhstorfer,1917; tarlonia Fruhstorfer,1917; seilemis Fruhstorfer,1917; marsilia Fruhstorfer,1917; cataprotea Verity,1929; libanotica Belter,1934; montium Belter,1934; variabilis Belter,1934; pontifex Bryk,1940; pfeifferi Bryk,1940; orinomus Rüttimeyer,1942; boschmai Eisner,1942; ibra Higgins,1964; pseudolatonigena Yakovlev,2002
Taxref.: *Papilio didyma* Esper,[1779], Die Schmett. 1: 365. Type(s): [Germany]: Bavaria: Uffenheim. Range (in code): **Ae AL AM Ao Bn At AT AZ Ba BE BG B-H BY CH CZ DE EE ES Mu Abr FR GG GR HU HV Ii IL IQ IT Kr LB LT LU LV MK NL PL PT RO RU Tv Ry Si SK Sm So Sr SS TR UA Uk Vl MA DZ TN KK TeA KG TJ UZ AF CN Ui Ku MN T-S Ax KuA TrA Ket Mrk Sau Tar Sp Bg Hk Pm Ui Ku Cc Arr SY IL He Pa Hf Bsa BtNa Sbd Eba Mkn Ouk Dju Tlm BSa DhM Lbs Hrh Orn Phv Clo Azr 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80 04D 04Db 05A 06B 06G 06H 06K 06N 06Na 06P 06R 06Rd 06V 06Z 12B 13F 13G 13Gv 13Gw 14I 14Ib 18F 21K 23C 23Cc 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 25Fb 27C 27Cb 31F 31Fb 31M 38H 38Hc 39C 44A 44Ab 44E 44O 44Oc 44L 46F 46Fc 46Fg 46G 46Gf 46Gi 49E 49Ea 49Ec 58C 58N 58R 58Rb 62D 62E 62F 62G 62Ga 63B 65D 65Dc 65Dd 65Dda 65Dv 65E 65K 65Kb 65G 65Gl 65F 65Fb 65Fc 65Fe 65Fg 65Fh 65Fl 65Fq 65Ft 65F3 65Fz 65K 65Kc 65Kg 65Kl 65Kö 65Ks 65Kü 65N 65Nj 66P 66Pa 72E 72Eh 72Ei 76D 76Da 78D 78Da**

10. Melitaea (Didymaeformis) persea Kollar,[1849] (Argynnidae) **Synonym(s):** persea Kollar,[1849]; caucasica Staudinger,1861; dodgsoni Grose-Smith,1887; kaschtschenkoi Christoph,1889; paphlagonia Fruhstorfer,1917; magnacasta Verity,1929; araratica Verity,1929; sargon Hemming,1932; tauricus Belter,1934; hafiz Higgins,1941; afghana Heydemann,1954; darius Gross & Ebert,1975; sangdana Eckweiler,1981; jitka Weiss & Major,2000
Taxref.: Melitaea persea Kollar,[1849], Denkschr. Akad. Wiss. Wien 1: 52. **Type(s):** [Iran]: Persia [Shiraz]. **Range (in code):** **IQ Su Bgd IR Ab Khy Zj Fa By Ke TR JO AF Kab Bl Nwf Ci Pj PK SY LB IL He Pa Hf Kp TM Cc AZ Nv Ord Arr 02 04 13 21 23 24 25 27 30 36 44 46 47 49 56 62 63 65 72 73 75 76 04B 13B 13Ba 13G 13Gv 13Gw 21N 21Nb 23D 23Dvc 23I 23Ib 25F 25Fa 25Fb 30B 30Br 44L 46G 46Gi 47D 49E 49Ea 49F 49Fd 56F 62G 62F 63B 63E 63M 65D 65Dc 65Dç 65G 65Gm 65F 65Fe 65Fg 65Fh 65Fm 65Fç 65Fw 65Fz 65K 65Kc 65Kd 65Kè 65Kl 65Kò 65Kz 65Kg 65N 65Nj 65Np 65Np1 65Np2 65Np4 65Np5 65Np7 65Np8 65Nr3 65Nr4 65Nm 76A 76Ae**

11. Melitaea (Didymaeformis) syriaca Rebel, 1905 (Argynnisidae) **Synonym(s):** syriaca Rebel, 1905; pseudodidyma Rebel, 1905; aabaca Fruhstorfer, 1911; bloetei Eisner, 1942 **Range (in code):** **LB Bei JO IL Pa Hf He SY TR GR Ae BG 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 21 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 72 73 76 77 80 81 05A 06B 06H 06G 06K 06N 06R 06Rd 06V 06Z 12A 12Ab 12B 13G 13Ga 13Gv 13Gw 21N 21Nb 23C**

23Cc 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 27Cb 31K 31Ka 31F 31Fb 39C 44I 44O 44Oc 46G 46Gi 46Gf 48A 48Al 48D 49F 49Fd 49E 49Ea 58R 62G 62Ga 63B 63D 65D 65Dc 65Dd 65Dda 65G 65Gd 65Ge 65F 65Fe 65Fc 65Fp 65Fz 65Fm 65Fq 65Fü 65F2 65K 65Kl 65N 65Nr3 65Nm 66A 66P 66Pa 72E 72Eh 72Ei 76A 76Ac 80B 80Bc

12. Melitaea (s.str.) arduinna (Fabricius,1787) (Argynnidae) Synonym(s): arduinna Fabricius,1787; rhodopensis Freyer,[1836]; uralensis Eversmann,1844; evanescens Staudinger,1886; #fulminans Staudinger,1886; kocaki Wagener & Gross,1976 Taxref.: Papilio arduinna Fabricius,1787, Mant. Ins. 2: 60, nr.577. Type(s): [Russia]: Russia australiori. Range (in code): Aa AF At Bn Ba BG CN Db GR KG KK MK RO RU Sr TJ Tk TR Cc T-S UA Ui UZ JO Buc Nym Ktm Tar Sau DsA TrA Tu Bog Mkk IR Ab Jal Zj Elb Th Lo IQ 01 02 05 07 10 13 21 24 25 27 30 31 32 36 39 42 43 44 46 47 49 56 65 72 73 80 05A 07D 13G 13Gv 21F 25F 25Fa 25Fb 27C 27Cb 31M 39G 46G 46Gi 49E 49Ea 56F 65D 65Dc 65Dc 65Dd 65Dda 65DI 65Dlc 65Dm 65Do 65Dt 65Dn 65F 65Fb 65Fc 65Fe 65Fh 65Fj 65Fq 65Fz 65F2 65F3 65M 65Md 65Nc 65Nb 65N 65Na 65Np 65Ns 65Nm

13. Melitaea (s.str.) cinxia (Linnaeus,1758) (Argynnidae) Synonym(s): cinxia Linnaeus,1758; abacus Retzius,1783; fulla Quensel,1791. Taxref.: Papilio cinxia Linnaeus,1758, Syst. Nat. (Edn.10) 1: 480. Type(s): [Sweden (Verity,1950)]. Range (in code): AL At Bn Kts AT Ba BE BG Hsk B-H BY CH CN CZ DE DK DZ EE ES Mu FI FR GB GR HU HV IT IQ IR Elb Ab Ak Fa Qz Ha KG Kr Ku LT LU LV MK MA MN NL NO PL PT RO RU SE Si SK Sm So Sr SS TR UA Ui Uk VI YU Sau Tar DsA TrA Mz GG AZ AM Nv Arr Ord Smt Bjo Tbl Cc MD T-S Skj Sbd Ouk Azr Ifr 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 49 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80 05A 06A 06B 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13B 13Ba 13E 13Ea 13F 13G 13Gö 13Gg 13Go 13Gs 13Gü 13Gv 13Gw 21N 21Nb 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 29A 29Ac 31F 31Fb 31M 38H 38Hc 44A 44Aa 44E 44Ej 46F 46Fc 46G 49E 49Ea 58G 58Ga 58Gi 62G 62Ga 62E 62F 65D 65Dc 65Dc 65Dd 65Dda 65Dr 65Drb 65G 65Gd 65Ge 65F 65Fb 65Fc 65Fc 65Fd 65Fe 65Fg 65Fh 65Fm 65Fz 65K 65Kl 65Kg 65Kö 65Kz 65Ks 65N 65Nr2 65Nr3 65Nr4 65Nr6 65Nr7 65Nm 66A 66P 66Pa 73D 73Dg 76C 76A 76Ab 76D 76Dd

14. Nymphalis xanthomelas (Esper,[1781]) (Argynnidae) Synonym(s): #xanthomelas [Denis & Schiffermüller],1775; xanthomelas Esper,[1781] Taxref.: Papilio xanthomelas Esper,[1781], Die Schmett. 1(2): 77, pl.63, fig.4. Type(s): Wien. Range (in code): AF Ng Jla AL AM Cc At Bn AT AZ Ba BG B-H BY Ch CN Cr CZ Dj DK EE FI FR GB GG Smt Bjo GR HU HV IR Ab Zj Elb Mz JP Kab Kbb KG Kr LT LV MK Pag PL Pnj RO RU SE Sem SK Sm So Sr SS Tk TR UA Uk YU Syr Tm Ui Um Kml Sau Tar DsA Ax TrA KuA Kma Ci Wa Bl PK IN T-S 01 05 06 08 12 13 16 21 24 25 30 31 33 34 36 42 46 49 51 56 62 65 69 72 73 76 05A 13C 13Cd 13F 13F35 13G 13Gw 21N 21Nb 25F 25Fa 25Fb 31M 49E 49Ea 56F 56Fb 65D 65Dü 65F 65Fi 65Fz 72F 73A 73Ae

15. Polygonia (Comma) c-album (Linnaeus,1758) (Argynnidae) Synonym(s): c-album Linnaeus,1758; g-album Fourcroy,1785. Taxref.: Papilio c-album Linnaeus,1758, Syst. Nat. (Edn.10) 1: 477. Type(s): [Sweden (Verity,1950)]. Range (in code): AF AL At Bn Kts AT Ba BE BG BY CH CN Co CZ DE DK EE ES Mu FI FR GB GR HU IT KG Kr LB LT LU LV DZ MA TN MN NL NO PL PT RO RU Sa SE SI Si SK Sm So Sr Ti TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken GG AZ AM Nv MD MK HV SS B-H MD Cc IQ Ama IR Mz Elb TH Cma Hr Ab GlS Tgr Ouk Dju Agi DhM Hrh Dzc 03 05 06 08 11 13 14 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 41 42 43 44 46 48 49 50 52 53 55 58 59 60 61 62 65 66 73 74 75 76 78 81 05A 06B 06K 06R 13C 13Cd 13F 13F33 13G 13Gv 21N 21Nb 27C 27Cb 31M 39C 46F 46G 46Gf 48F 49E 49Ea 56F 65D 65Do 66A 78D 78Da

16. Polygonia (Comma) egea (Cramer,[1775]) (Argynnidae) Synonym(s): egea Cramer,[1775] (junior homonym); vaualbum Esper,1780; l-album Esper,1789; triangulum Fabricius,1793; autumnalis Stefanelli,1873; #balucha Evans,1932; #pallida Evans,1932. Taxref.: Papilio egea Cramer,[1775], Utitl. Kapellen 1: 124; Pl. 78 figs.C,D. Syntypes: [Turkey]: [Istanbul]: Constantinopel; [zmir]: Smyrna (nec Papilio egea Fabricius,1775; cf. ICZN Art. 58, Opinion 516. Range (in code): Ae AF AL BG BY CH CN Co Cr FR GR IT LB MK MT BI PK Haz Mre IN Kma RO RU Sa Si Sr TR UA Ui YU JO IR Ab Elb Mz Th Fa Ss IQ Mos TM Kp Cc AM AZ GG Nv Ord Lag Smt Bjo IL Pa Hf 01 02 04 05 06 07 08 09 13 14 16 17 20 21 23 24 25 26 27 29 30 32 33 34 35 36 37 38 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 68 71 72 73 76 78 80 04D 04Db 05A 06D 06P 06R 13A 13Ac 13G 13Gw 21N 21Nb 23D 23Dc 23I 23Ia 23Ib 23M 23E 25F 25Fa 27C 27Cb 44E 46F 47D 47F 48A 48Aa 49E 49Ea 56F 56Fb 58G 58Ga 58Gi 62G 62Ga 62F 63B 65D 65Dc 65Dc 65Dk 65DI 65Dla 65Dm 65Do 65Dv 65G 65Gt 65F 65Fb 65Fc 65Fd 65Fe 65Fz 65K 65Kl 65Kg 65N 65Np 65Nm 66P 66Pa 80B 80Bc

17. Vanessa (Cynthia) cardui (Linnaeus,1758) (Argynnidae) Synonym(s): cardui Linnaeus,1758; carduelis Cramer,1775; elymi Rambur,1829; kershawi McCoy,1868; pallida Schoyen,1881; japonica Stichel,1908; universa Verity,1919; takesakiana Kato,1925; jacksoni Clark,1927 Taxref.: Papilio cardui Linnaeus,1758, Syst. Nat. (Edn.10) 1: 475. Syntypes: Europa, Africa [Sweden (Verity,1950)]. Range (in code): Ad Ae AF AL As At AT Az BE BG BH BY Ch CH CN Co Cr CY CZ DE Dh DK EE ES FI FR GB GR Hd Hj HU IE IL IN IQ IR IS IT JO KG KK KW LB Ld LT LU LV MN MT Mu Nf Nj NL NO PH PK PL PT QA Rd RO RU Sa Sa SE SI Si SK SY Ti TJ TM TR T-S UA Ui UZ YE YU SS HV B-H MK Mt AO BF BI BJ BW BZ CF CG CI CM Cn Dj Dj DZ EG EH ER ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MW MZ NA NE NG RW SC SD Sem SL SN SO ST SZ TD TG Tk TN TZ UG ZA ZM ZR ZW Cw Dv Smt H-W Sur Ssx Ken Cy LY Kts Tm Ci Um Sau Tar DsA TeA KuA TrA Ket Bn Ar Mu Mui8 GG AZ Nv AM MD NP Ab Ak

Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj
 Ke Luz Mno Neg Pal US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Ilm Io Kan Knt Lou Mai Mch Mis Mns
 Mon Mrl Msc Mss NCa Ndk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws
 Wy Ord Nta Kzu Ptb Gau Pre Est Spb Lj Tva Lpo Mdk Ent Kru Pma Pf Pa Hf TH CMA SD91 SD119 MW
 Zom Arr Oru Jal Msw Kh KP KR JP Koh Msr Nra Bhb Ad SO Zai Ifr Rbt Saia Tlm Orn Agi Blid Ges Dje
 Ogl Bsk Ktr Btma BSa Tmn Ah Ajj Hrh Sfr Mzg Onç Ceg Gtt Rbt Azr Idl Ath Ng Jla Hr Blm Prw Pnj 01 02
 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38
 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75
 76 78 80 81 04D 04Db 05A 06B 06C 06D 06G 06H 06K 06N 06R 06Rd 06V 06Z 13A 13Ac 13B 13Ba 13C
 13Cf 13Cg 13D 13Da 13F 13F33 13F35 13G 13Gö 13Gg 13Gv 13Gk 13Go 13Gw 13Gz 14I 14Ib 21K 21N 21Nb
 21Nh 21P 21Pa 23D 23Dc 23I 23Ia 23Ib 23E 23M 25A 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ac 30B 30Bb
 30Bk 30D 30Df 31F 31Fb 31K 31Ka 31La 36D 36Db 39C 44A 44Aa 44Ab 44E 45L 45La 46F 46Fc 47F 48A
 48Ak 48D 48F 48L 49E 49Ea 49Ec 56A 56D 56Db 56Dc 56Dh 56Dg 56F 58C 58G 58Ga 58Gd 58Gi 62G
 62Ga 62E 63B 63D 63E 63G 63M 65D 65Dc 65Dç 65Dk 65Dl 65Dlc 65Dn 65Do 65Dr 65Drb 65Dt 65E
 65Eb 65Ec 65Eç 65Ed 65F 65F1 65Fb 65Fd 65Fg 65Fj 65Fm 65Fn 65Fq 65Fr 65Fü 65Fw 65Fz 65G 65Gf
 65Gl 65Gi 65Gv 65Gz 65K 65Kc 65Ka 65Kl 65Kg 65Ks 65Ky 65Ky1 65L 65N 65Nc 65Nc4 65Ng 65Nh 65Nk
 65Np 65Np1 65Np2 65Np3 65Np4 65Nm 65Nl 65No 65Nr5 65M 65Mc 65Md 66A 66P 66Pa 72E 72Ek 72F
 73D 73Da 73Df 75F 75Fg 75Fj 75Fi 76A 76Ac 76B 76Bf 76Bh 76C 76D 76Da 78D 78Da 80B 80Bc

Hesperiidae

18. Carcharodus (Lavatheria) lavatherae (Esper,[1783]) (Hesperiidae) Synonym(s):
 lavatherae Esper,[1783]; australior Verity,1919; pyrenaicus Picard,1948. Taxref.: Papilio lavatherae
 Esper,[1783], Die Schmett. 1(2): 148-149, pl.82 fig.4. Syntypes: Frankreich; Schweiz. Range (in
 code): AL AT BG BY CH DE DZ ES Mu Mu18 FR GR HU IT MA RO RU SK Sm So Sr TR IR Ab UA VI YU Mt
 Ko MK SS HV B-H Ur Cc TN Ges Sbd Lbs 01 03 04 05 06 07 08 12 13 14 17 18 19 21 23 24 25 29 30 32 33
 36 37 38 39 40 41 42 44 46 49 50 51 56 58 60 62 65 66 68 70 72 73 74 75 76 78 04D 04Db 05A 06R 06Rd
 06Z 13C 13Cd 13G 13Gv 23D 23Dc 23I 23Ia 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 30B 30Be 30D 30Dt 36D
 36Dc 49E 49Ea 58G 58Gi 65D 65Dc 65Dç 65Do 65F 65Fb 65Fg 65Fj 65Fz 66A 72E 72Ej 75F 76C 76D 76Dc
 78D 78Da

19. Carcharodus (Reverdinus) orientalis Reverdin,1913 (Hesperiidae) Synonym(s):
 orientalis Reverdin,1913; centralanatolica Pfeiffer,1927; #aestatis Graves,1928; aestatis Verity,1928; postorientalis
 Verity,1928; maccabaeus Hemming,1932. Taxref.: Carcharodus orientalis Reverdin,1913, Bull. Soc. lépid.
 Genev× 2 (4): 232, Pl.21 fig.14; Pl.22 figs.1,8. Syntypes: Greece: Peloponnes (MHNG). Range (in
 code): IL He Pa LB AL BG BY GR JO IQ IR Ab Qba Kh GlS MK RU TR Cc UA YU HV Mt 01 03 05 06 07
 08 10 13 14 16 17 18 19 20 21 23 24 25 27 29 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 56 58 60
 62 63 65 66 69 70 72 73 74 76 01D 01H 05A 06B 06G 06K 06N 06P 06R 06Rd 06V 06Z 13G 13Gs 13Gw
 18F 21N 21Nb 25F 25Fa 25Fb 25Fc 27B 27C 27Cb 30D 30Dt 31E 31L 31La 31K 31Ka 35T 36D 36Dc 44E 46F
 47B 47F 49E 49Ea 56F 58G 58Gi 63D 63E 65D 65Dç 65Do 65Dp 65F 65Fç 65Fg 65F1 65Fz 65G 65Gm 65K
 65Kc 65Kö 65Ku 65Kw 65Kz 65Kg 66A 72E 72Eg 76C

20. Carcharodus (s.str.) alceae (Esper,[1780]) (Hesperiidae) Synonym(s):
 alceae Esper,[1780]; malvae Hufnagel,1766 nec Linn.,1758; malvarum Hoffmannsegg,1804; magnaustalis Verity,1924; corsicus
 Picard,1948. Taxref.: Papilio alceae Esper,[1780], Die Schmett. 1(2): 4, pl.51, fig.1. Type(s):
 Süddeutschland: Erlangen. Range (in code): AF AL AM Ao AT AZ Ba BE BG BY Ch Ci CN Co Cr CZ DE
 ES FR Gg GG GR Rd Gs Hd Hp HU IN IQ IR IT KG Kr Ku LB Ld LU MA Mre Haz Mus NL Pag PK PL PT
 RO RU Sa Si SK Sm Sml So Sr TM TN TR UA Ui Uk Up Vi YE YU Mt Ko MK SS At Mn Sp Tk Aa Tm Sau
 Tar Dsa Ax Tls Ng Hr Kab T-S Mu CH HV B-H DZ Bn CY IL Pa Hf Cc Arr Ab Ak Shf GlS Kh Nar 01 03 04
 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 39 41 42 43 44 45 46 47 48
 49 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 75 76 78 79 80 01A 01H 01K 01F 04D 04Db 05A 06B
 06G 06K 06R 06Rd 06V 06Z 13F 13G 13Go 13Gv 13Gw 21N 21Nb 23D 23Da 23I 23Ia 25F 25Fa 27C 27Cb
 27E 30A 30Aa 30B 30Bd 30Bc 30Bh 30Bf 30Bj 30Bg 30D 30Da 30Bj1 30Bo 30Br 30Dt 31A 31Aa 31F 31K
 31Ka 31O 36D 36Db 39C 48A 48Aa 48Ak 48D 48F 49E 49Ea 49Ef 56F 63D 63E 65D 65Dc 65Dç 65Dd
 65Dda 65Dl 65Do 65Dp 65Dr 65Drb 65Dt 65Dw 65Dn 65E 65Ea 65Eb 65Ed 65F 65Fb 65Fd 65Fg 65Fu
 65Fq 65F3 65F1 65Fz 65G 65Gn 65K 65Kb 65Kc 65Kl 65Kö 65Ks 65N 65Na 65Np 65Np4 65Nm 66A 72E
 72Eb 73A 73Ad 73Ad2 73D 73Db 75E 76B 76Bb 76Bf 76Bh 76D 76Da 76Df 78D 78Da 79B 80B 80Bc 80C
 80G

21. Erynnis (s.str.) tages (Linnaeus,1758) (Hesperiidae) Synonym(s):
 tages Linnaeus,1758; morio Scopoli,1763; geryon Rottemburg,1775; subclarus Verity,1921. Taxref.: Papilio tages Linnaeus,1758,
 Syst. Nat. (Edn.10)1: 485. Type(s): Europa. Range (in code): At AL AT Ba BE BG BY CH Cr CZ DE DK
 EE ES An Mu Mu18 FR GB GR HU IE IQ IR Ab IT KG Kr LB LT LU LV MN NL NO PL PT RO RU Sb SE SK
 Sm So Sr TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken Mt Ko MK SS HV B-H Mn Sau Tar CN Sz Ui Cc 01
 03 05 06 07 08 11 12 13 14 16 17 18 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46
 49 50 51 52 54 56 58 59 62 63 65 66 67 69 70 71 73 75 76 78 01H 01K 05A 06B 06C 06D 06G 06K 06N
 06Nc 06P 06R 06Rd 06V 06Z 12A 12Aa 13F 13G 13Gw 14F 21N 21Nb 23D 23Dc 23E 23M 25F 25Fa 27C
 27Cb 30A 30Aa 30B 30Bc 30Bd 30Bh 30Bf 30Bg 30Br 30C 30Ce 30D 30Dt 31A 31K 31Ka 31L 31La 36D

39C 44O 44Oc 46F 46Fc 46Fd 49E 49Ea 56F 63D 65D 65Dc 65Dk 65Dl 65Do 65Dob 65Dq 65Dü 65Dn 65Dv 65Dw 65Dt 66A 73A 73Ad 73Ad2 75E 75F 75Fd 78D 78Da

22. **Muschampia nomas (Lederer,1855)** (Hesperiidae) Synonym(s): nomas Lederer,1855
Taxref.: *Hesperia nomas* Lederer,1855, Verh. zool.- bot. Ver. Wien 5: 193, Taf.1 fig.7. Syntypes: [Lebanon]: Beirut, am Hundflusse (ZMHB). Range (in code): LB Bei SY TR IL He 01 03 05 06 07 12 13 21 23 27 31 32 33 38 42 44 46 47 49 50 51 58 60 62 63 70 72 73 05A 06B 06K 06R 06V 13G 23D 23Dc 23E 23M 27C 27Cb 31A 31Aa 31K 31M 46H 46Hc 49E 49Ea 49F 49Fd 72E 72Eh 72Ei 72Ek

23. **Muschampia poggei (Lederer,1858)** (Hesperiidae) Synonym(s): poggei Lederer,1858
Taxref.: *Hesperia poggei* Lederer,1858, Wien. ent. Monatschr. 2: 141. Syntypes ♂+: Syrien: "auf den Bergen um Damask". Range (in code): GG Cc IQ IR Ab LB SY TR AM Nv AZ 01 07 12 13 21 23 24 25 27 30 33 42 44 46 47 49 56 58 62 63 65 70 72 73 13G 13Gv 23I 23Ib 24E 24Ea 27B 30B 30D 49E 49Ea 49Ed 56B 56F 65D 65Dc 65Dp 65E 65Eb 65G 65F 65Fg 65Fh 65Fj 65Fl 65Fz 65K 65Kc 65Kz 65Kg 65N 65Np2 65Np8 65Nm 72E 72Eb 72Eg 72Eh 72Ei 72Ej 73D 73Df 73Dg

24. **Muschampia proteides (F.Wagner,1929)** (Hesperiidae) Synonym(s): proteides F.Wagner,1929; lycaonius F.Wagner,1929; sovietica Sichel,1964; lycaonius Benjamini & Avni,2001 [misident.]; #lycaomius Benjamini & Avni,2001 Taxref.: *Hesperia proto* ssp. *proteides* F.Wagner,1929, Mitt. münch. ent. Ges. Taf.2 fig.26 Type ♂: [Türkei]: Akschehir [15 Febr.1929]. Range (in code): Cm IQ IR Ab JO KG Kr LB MK Pa RU Sr TR UA Uk KG Cc AM IL Pa JO SY He 01 03 05 06 07 08 13 14 15 21 24 25 32 33 38 42 43 44 46 49 51 56 58 60 65 70 73 76 05A 06D 06E 06H 06K 06N 06R 06Rd 06V 06Z 13G 44F 44Fb 46F 49F 49Fd 56F 58G 58Ga 58Gg 58Gj 65D 65Dd 65F 65Fb 65Fc 65Fr 65Fp 65Fz 65K 65Kg 65Ku 70C 70Cb 70Cd 76C

25. **Pyrgus armoricanus (Oberthür,1910)** (Hesperiidae) Synonym(s): armoricanus Oberthür,1910; petheri Romei,1927. Taxref.: *Syrictus alveus* f. *armoricanus* Oberthür,1910, Etüd. Lépid. comp. 4: 411, pl.57 figs.509-517. Syntypes: France: Environs de Rennes. Range (in code): AL AT Ba BE BG B-H BY CH Co Cr CZ DE DK ES Mu FR GR HU HV IT MK NL PL LB PT RO RU Sa SE Si SK SS TR Cc UA YU Mt Ko Ur Kp TM IR Ab Kh IQ Ma Ifr DZ Agi 01 02 03 04 05 06 07 08 09 12 13 14 16 17 18 19 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 41 42 43 44 46 48 49 51 52 53 56 58 60 61 62 65 66 68 69 70 71 73 74 75 76 79 05A 06B 06G 06K 06R 06V 06Z 13G 23I 23Ib 25F 25Fa 27C 27Cb 30B 30Bc 30Bg 36D 36Dc 36Dd 46F 49E 49Ea 51D 51De 56F 58G 58Gd 58Gi 65D 65Dc 65Dk 65F 65Fc 65Fr 65Fq 65Fz 65K 65Kg 65M 65Md 66A 75F 76C 76E 76Ea

26. **Pyrgus melotis (Duponchel,[1834])** (Hesperiidae) Synonym(s): melotis Duponchel,[1834]; hypoleucos Lederer,1853; jordana Hemming,1932. Taxref.: *Hesperia melotis* Duponchel,[1834], [in] Godart,J.B., Hist. nat. Lépid. Pap. Fr. 1: 251, Pl. 42 figs.1,2. Type(s): Libanon (cf. Hesselbarth,1995: 224). Range (in code): GR IL Pa JO LB SY TR Cc IR Ab Elb Th Kdj 01 02 03 04 05 06 07 08 09 10 12 13 14 18 20 21 23 24 25 27 28 29 30 31 32 33 35 36 38 42 43 44 46 48 49 50 51 52 53 56 58 60 61 65 66 69 70 71 73 76 80 05A 06B 06C 06G 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13D 13Da 13F 13G 13Gö 13Gg 13Gv 13Gw 13Gs 13Gü 21N 21Nb 23I 23Ib 23M 25F 25Fa 27C 27Cb 30B 30D 31K 31Ka 31M 36D 36Dc 44A 44Ab 46F 49E 49Ea 56F 56Fa 63D 65D 65Dc 65Dd 65Dda 65Dl 65Dn 65Dr 65Drb 65E 65Ed 65F 65F1 65Fc 65Fh 65Fe 65F3 65Fj 65Fz 65K 65Kd 65Kg 65Kl 65N 65Np 65Nm 66A 76B 76Bf 76Bh 76D 76Da

27. **Pyrgus serratulae (Rambur,[1839])** (Hesperiidae) Synonym(s): serratulae Rambur,[1839]; caecus Freyer,1846; occidentalis Lucas,1910 nec Skinn.,1906; planorum Verity,1925; magnagallica Verity,1931; plurisignata Silbernagel,1946; arvernensis Picard,1948. Taxref.: *Hesperia serratulae* Rambur,[1839], Faune ent. Andalousie 2 (4): 318, Pl.8, figs.9,m. Type(s): Andalousie (BMNH). Range (in code): AL AT Bn At Ba BG B-H BL BY CH CZ DE DK EE ES Mu FR GR HU HV Ir IT KG Kp LB LT LU LV MK PL PT Py RO RU SK So Sr SS TM TR UA Uk VI YU Mt Ko Cc GG AM IR Ab Kh IQ Sau Tar Mn CN Ui 01 03 04 05 06 07 08 12 13 14 17 18 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 46 47 48 49 50 51 52 53 54 58 60 61 62 65 66 69 70 71 73 74 75 76 05A 06B 06K 06P 06R 06S 06V 06Z 13G 13Gv 23I 23Ib 25F 25Fa 25Fc 31M 31F 31Fb 36D 36Dc 38H 38Hc 46F 47F 49E 49Ea 49F 49Fd 58G 58Gi 65A 65D 65Dc 65Dd 65Dda 65F 65Fb 65Fc 65F1 65Fe 65Fm 65F3 65Fz 65K 65Kd 65Kg 65Kl 65Kö 65N 65Nr4 65Nr6 65Nm 66A 75A 75Ac 75E 76C 76D 76Db

28. **Pyrgus sidae (Esper,[1784])** (Hesperiidae) Synonym(s): sidae Esper,[1784] Taxref.: *Papilio sidae* Esper,[1784], Die Schmett. 1(2): 178, pl.90 fig.3. Syntypes: Russia: Wolga. Range (in code): AL Ba BG B-H BY ES FR GR HV IT Kp MK RO RU So Sr SS TM TR Arr Cc IR Ab Kh GG UA VI YU Mt Ko KG Uk KK Na Ket Ax Ug Tls T-S 01 03 04 05 06 07 08 10 12 13 14 16 17 18 20 21 23 24 25 28 29 30 32 33 34 35 36 38 39 41 42 46 49 50 51 53 56 58 59 60 61 62 65 66 69 71 72 73 74 75 76 81 04D 04Db 05A 06B 06K 06G 06P 06R 06V 13C 13Cd 13D 13Da 13F 13G 13Ga 13Gv 13Gw 14I 14Ib 21N 21Nb 23I 23Ib 23M 25F 25Fa 25Fb 30A 30B 30D 30Dt 36D 36Db 36Dc 49E 49Ea 49F 49Fd 56F 65D 65Dc 65Dc 65Dd 65Dda 65Dm 65Dn 65F 65Fm 65Fe 65Fb 65F2 65Fz 65K 65Kg 65Kl 65Kö 65N 65Np 65Nm 66A 72E 72Ej 72Eh 72Ei 75E 75F 76C

29. **Spialia (Neospialia) orbifer (Hübner,[1823])** (Hesperiidae) Synonym(s): orbifer Hübner,[1823]; tesselloides Herrich-Schäffer,[1845]. Taxref.: *Papilio orbifer* Hübner,[1823], Samml. eur. Schmett. 1: pl.161 figs. 803-806. Syntypes: Europa. Range (in code): AF AL At Kts Ba BG BY CN GR HU HV JO IQ IR LB KG KK Kr MK RO RU Si SK SM Sr SS TR AM UA Ui VI YU Mt Ko Mn Sp Tk Aa Syr Tm Sau Mrk Tar TrA DsA Ax TeA Bl Ci Gg Kab Nwf Pag PK Sju Qu Urk Zi Shs Sng She Gor Mrw Man Nmg Br

Smk Bsa Bei Aiz Zah Js Shq Dk Krd Km Amm Hal Dms Bld UA Cm Th T-S IL Pa Hf Rd Cc Ab Ak Msw 01
02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39
40 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77
80 05A 06B 06C 06K 06G 06N 06Nc 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13C 13Cd 13E 13Ea 13F 13G
13Gd 13Gv 21N 21Nb 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 25Fb 27C 27Cb 30A 30B 30D 30Dt 31F
31K 31O 31L 31La 31A 31M 36D 36Dc 38H 38Hc 39C 44A 44Aa 44Ab 44E 44Ej 44O 44Oc 45L 45La 46F
48A 48Ak 48Ah 48F 49E 49Ea 49F 49Fd 56F 56F1 58G 58Ga 58Gd 58Gi 58Gj 62F 63D 63E 65D 65Dc
65Dc 65Dd 65Dda 65Dk 65Do 65Dq 65Du 65Dv 65G 65Gn 65Gm 65Gz 65F 65Fb 65Fh 65Fg 65Fç 65Fe
65Fr 65Fp 65Fq 65F1 65Fj 65F3 65Fx 65Fz 65K 65Kc 65Kl 65Kö 65Kz 65Kç 65N 65Np 65Np1 65Np3
65Np4 65Np7 65Nr2 65Nr4 65Nr6 65Nr7 65Nm 66A 72E 72Ec 72Ei 75E 76C

30. Spialia (s.str.) phlomidis (Herrich-Schäffer,[1845]) (Hesperiidae) **Synonym(s):** phlomidis Herrich-Schäffer,[1845]; eupator Hemming,1932; kiki Higgins,1974. **Taxref.:** Hesperia phlomidis Herrich-Schäffer,[1845], Syst. Bearb. Schmett. Eur. 1: 153, 164; Taf.2 figs.8,9. Type(s): aus der Türkei am Marmarameer". **Range (in code):** AL BG Cr GR He IL Pa LB Ksr NaS SY Bld TR SS HV MK Mt B-H Cc AZ Nv Ord IR Ab Srd Kh 03 04 05 06 07 08 10 12 13 14 15 16 17 19 23 24 25 26 29 30 32 34 36 38 42 44 49 50 51 58 60 62 65 66 69 70 71 75 76 78 05A 06K 06V 13C 13Cd 13G 23I 23Ia 23D 23Dc 25F 25Fa 30B 36D 36Dc 49F 49Fd 58G 58Gd 58Gi 65D 65Dc 65Dp 65G 65Ge 65F 65Fc 65Fç 65Fü 65Fq 65Fz 65K 65Kc 66A 76C

31. Thymelicus lineolus (Ochsenheimer,1808) (Hesperiidae) **Synonym(s):** lineolus Ochsenheimer,1808; virgula Hübner,1813 nec Retz.,1783; ludoviciae Mabille,1883; pallida Tutt,1896; clara Tutt,1905; hemmingi Romei,1927; melissus Zerny,1932; fornax Hemming,1934 **Taxref.:** Papilio lineola Ochsenheimer,1808, Schmett. Eur. 1(2):230-231. Type(s): Germania. **Range (in code):** At Kts AF AL Ao AT Ax Ba BG B-H BL BY CH CN Co CZ DE DK EE ES FI FR GB GR HU HV IL IR IT JO KG KK LB LT LU LV MA MK NL NO Pa PL PT RO RU SE Si SK Sm So Sr SS TM TR T-S UA Ui Uk VI YU Sur Ssx Ken Mt Ko DZ TN Or Bs Tt Cb Kg Ty Kt Rk Pw Ka Sp Mn No Tk Aa Mu Aq Bn Tm Kuz Sli Sau Tar DsA Ax Tls TrA T-S GG AZ Nv Ord Smt Bjo Cc IQ Mos US Cnt Col Dw Id Idp Iln Io Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk Neb Nh Nje Ny Oh Pns RDi Tnn Vi Vr WVi Wc Wy Ab Sro Jal Kh Ifr Lbs Afr Ges Lkr Ouk Dju Hr BLM 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39 40 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 78 80 01H 01K 04D 04Db 05A 06B 06G 06K 06R 06V 06Z 13B 13Ba 13D 13Da 13E 13Ea 13G 21N 21Nb 23D 23Dc 23I 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 30A 30Aa 30B 30Bc 30Bd 30Bh 30Bf 30Bg 30Bj 30Bk 30D 30Da 30Df 30Dfa 31A 31Aa 36D 36Dc 44A 44Ab 46D 46Da 49E 49Ea 49Ec 56A 56Ac 56B 56F 58R 58Rb 65D 65Dc 65Dl 65Db 65Dp 65Dq 65Dm 65Du 65E 65Eb 65F 65Fb 65Fg 65Fh 65Fe 65Fj 65F2 65Fz 65G 65Ge 65K 65Kc 65Kd 65Kö 65Kç 65N 65Np 65Np1 65Np7 65Np8 65Nm 66A 73A 73C 73Aç 73Cd 73Ce 75E 75F 75Fd 76C 76D 76Da 76Df 80B 80Bc

32. Thymelicus sylvestris (Poda,1761) (Hesperiidae) **Synonym(s):** sylvestris Poda,1761; flava Brünnich,1763; linea Müller,1764; thaumas Hufnagel,1766; divaricatus Fourcroy,1785; venula Hübner,[1813]; obscura Verity,1905 **Taxref.:** Papilio sylvestris Poda,1761, Insecta Musei Graecensis: 79. Type(s): [Austria]: Graz. **Range (in code):** AL AT Ba BE BG BY CH CZ DE DK EE ES Mu FR GB GR HU IT JO Kr LB LT LU LV MK NL PL PT RO RU Si SK Sm So Sr TR UA Vi YU Cw Dv Smt H-W Sur Ssx Ken MA DZ IR Ab Kh Gls Cc GG AZ AM SY IQ Mnf Ur Or Bs 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 75 76 78 81 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06N 06P 06R 06Rd 06V 06Z 13B 13Ba 13E 13Ea 13G 13Ga 13Gv 13Gw 21N 21Nb 23I 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 30A 30Aa 30B 30Ba 30Bc 30Bd 30Bh 30Be 30Bf 30Bj 30Br 30D 30Dt 31A 31Aa 31M 36D 36Dc 45L 45La 46F 48A 48Ak 48A□48D 49E 49Ea 49Ef 56A 56Ac 56B 56Ba 56F 58C 58G 58Ga 58Gi 58Gj 63E 65D 65Dc 65Dk 65Dl 65Dla 65Dm 65Dp 65Du 65F 65Fb 65Fj 65Fq 65F2 65Fm 65Fe 65Fg 65G 65Ge 65K 65Kc 65Kd 65Kç 65Kl 65Kö 65Kü 65L 65La 65N 65Np 65Np7 65Np8 65Nm 66A 73A 73C 73Aç 73Ac 73Cd 73D 73Df 75E 75F 76C 76D 76Db 78D 78Da

Lycaenidae

33. Celastrina argiolus (Linnaeus,1758) (Lycaenidae) **Synonym(s):** argiolus Linnaeus,1758; cleobis Sulzer,1776; thersanon Bergsträßer,1779; argyphontes Bergsträßer,1779; argalus Bergsträßer,1779; marginatus Retzius,1783; acis Fabricius,1787 nec Dru.,[1773]; #parvipuncta Fuchs,1880; calidogenita Verity,1919; britanna Verity,1919. **Taxref.:** Papilio argiolus Linnaeus,1758, Syst. Nat. (Edn.10) 1: 483. Type +: Europa (Linnean coll. London) [gen.vern.]. **Range (in code):** He IL Ae AL AM Ao At AT AZ Ba BE BG BY CH CN Co Cr CY CZ DE DK DZ EE ES FI FR GB GG GR HU IE IQ IR IT KG KK Ku LT LU LV MA MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr TM TN TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken SY Kuz Sli DsA TrA KuA Ax Sau Ta JP MN KP KR TW Yu PH Luz Vv Sh Buc Mrk US CA MX PA LB Sj AF Als Ssk Mnt Mon Wc Nfl Ti Btn Ats BCo Cf Ut Ne NMx PA GT Us Mc Bry Ok SCa Tx Ge Lou Kan Aks Mss Alb Bn T-S Ab Ak Elb Th Ha Fa Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cc Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vel Zg Zm MX Arz C Cnt Col Dw Fl Id Idp Iln Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk NMx Ne Neb Nh Nje Ny Oh Org Pns RDi Sdk Tnn Ut Vi Vr WVi Wc Ws Wy Nsr TH Cma CDo MM NP IN Clc SI Slo Ass VN Ann Cc Arr Shf Agi 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28 29

30 31 32 33 34 35 36 37 38 39 41 42 43 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 65 66 67 69 72 73
75 76 78 81 01D 01G 01H 01K 05A 06C 06G 06K 06R 06Rd 06Z 07A 07B 12A 12Ab 13B 13Ba 13E 13Ea 13F
13F35 13G 13Ga 13Gö 13Gg 13Gv 13Gw 13Gs 21N 21Nb 23D 23I 23Ia 23Ib 23M 25F 25Fa 27C 30B 30D
30Dh 30Dt 31A 31Aa 31L 31La 31F 31M 39C 44F 44Fa 45L 45La 48A 48Ak 49E 49Ec 49F 49Fe 53L 56F
62E 65D 65Dc 65Dh 65Dk 65Do 65Dt 65Dx 65F 65Fc 65Fd 65Fe 65Fi 65Fq 65Ft 65Fu 65Fy 65Fz
65G 65Gp 65K 65Kg 65N 65Np 65Nm 66A 72E 72Ec 73A 73Ad 73Ad2 73C 73Cd 76B 76Ba 76C 78D 78Da
80B 80Bc 80Bd 80C

34. Glaucopsyche (s.str.) alexis (Poda,1761) (Lycaenidae) Synonym(s): alexis Poda,1761; damaetas [Denis & Schiffermüller,1775; #sublugens Strand,1909; #insulicola Turati & Fiori,1930; mironi Coutsis,1976. Taxref.: Papilio alexis Poda,1761, Insecta Musei Graecensis.:77. Type(s): [Austria]: Steiermark. Range (in code): AF AL AM AT At Bn Cc AZ Ba BE BG BY CH Co CZ DE DK DZ Afl Lbs Btna EE ES Mu Mu18 FI FR GG GR Rd HU Ii IT KG Ku LT LU LV MK NO PL PT RO RU SE Si SK Sm So Sr TM TN TR Arr LB IQ UA Uk VI YU He IL Pa Hf IR Ab Jal Th 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 56 58 60 61 62 65 66 68 69 70 71 73 74 76 80 01A 01H 01K 04D 04Db 04I 05A 06A 06B 06C 06K 06N 06P 06R 06Rd 06S 06V 06Z 13D 13Da 13E 13Ea 13F 13G 13Gb 13Gö 13Gg 13Gv 21N 21Nb 23I 25F 25Fa 25Fc 27C 27Cb 27F 29A 30B 30Ba 30Bg 30Db 30De 30Dt 31A 31Aa 31B 31F 31K 31Ka 31L 31La 36D 36Da 36Dd 38H 38Hc 44I 44Ia 46F 46Fc 46Fd 46G 47B 47E 49E 49Ea 56D 56Db 56F 65D 65Dc 65Dd 65Df 65Dj 65Dk 65Dl 65Dq 65Dn 65Dm 65Dr 65Drb 65Dt 65E 65Eb 65Ec 65F 65Fb 65Fd 65Fc 65Fp 65Fe 65Fg 65Fh 65Fq 65Fz 65F3 65K 65Kd 65Kg 65Kl 65N 65Na 65Np 65Np2 65Nr2 65Nr4 65Nm 66A 69B 73A 73Af 73C 73Cd 73D 73Df 73Dfc 75D 76B 76Bb 76Bf 76Bh 76D 76Dd 76Dg 80B 80Bc 80D 80E

35. Lampides boeticus (Linnaeus,1767) (Lycaenidae) Synonym(s): boeticus Linnaeus,1767; damoetes Fabricius,1775; coluteae Fuessly,1775; pisorum Fourcroy,1785; boedicus Borkhausen,1788; #baeticus Latreille,1809; armeniensis Gerhard,1886; bagus Distant,1886 Taxref.: Papilio boeticus Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 789. Type(s): Barbaria [Algeria]. Range (in code): Ae AF AL AM AZ Az Ba BE BG BH B-H BY CH CN Co Cr CY DE DK DZ EG ES FR GG GR HU IL IN IQ IR IT JO Kab Kbb KG KK KW LB Ld LY MA MK MN MT NL OM Pag PK Cp PT QA Rd RO RU SA Sa Si SK Sm So Sr SW SY TJ TM TN TR UA AE UZ YE YU Cw Dv Smt H-W Sur Ssx Ken Cy Ao Mu18 Ci He Ket DsA Tls TrA Cp T-S Ab Ak B-A Bk Brz Bu By Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tot Trg Val Vcl Zg Zm PG Vu Dmp PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam Cml Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab MW Zom ZA Tva Lpo Spb Lj Mdk Kru Pma Pf Nta Kzu Ptb Fre Gau Pre Jh Brn Mpu US Pa Hf TH CMA Cuo Cuo7 Cu12 Lmp Sgk Hya PSu Nst Chw Ths Sya Bnk Kci MY Lkw IN Ass MM VN Hw SD SD91 SD119 Bgd Cc SO Zai Ad DZ Ah Agi Anna Orn Sbd Ges Ng Jla Lgh Kab Hr BLM 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 40 42 44 45 46 47 48 49 50 51 52 53 56 58 60 62 63 64 65 70 71 72 73 76 05A 06B 06C 06D 06E 06F 06K 06Kb 06P 06R 06Rd 06V 12A 12Aa 12B 13A 13Ab 13F 13G 13Ga 13Gb 13Gv 13Gw 21N 21Nb 23C 23Cc 23I 23Ib 23M 27C 27Cb 30B 30Bb 30Bk 30Bf 30D 30Dt 31F 31B 31A 31L 31La 31K 31Ka 32C 32D 33B 33E 33H 40D 44E 46G 46Gf 46L 48A 48Ak 48L 49E 49Ea 56B 56F 58G 58Gi 58Gj 62E 62F 63D 65D 65Dc 65Dl 65Do 65Dn 65E 65F 65Fc 65Fe 65Fm 65Fg 65Fh 65Fj 65Fp 65Fz 65K 65Kg 65Ks 65N 65Nc 65Np 65Nm 72E 72Ec 73C 73Ce 73D 73Df 76B 76Ba 76C

36. Lycaena (Alciphronia) alciphron (Rottemburg,1775) (Lycaenidae) Synonym(s): alciphron Rottemburg,1775; lampetie [Denis & Schiffermüller],1775; hiere Fabricius,1787. Taxref.: Papilio alciphron Rottemburg,1775, Naturforscher 6: 11.Type(s): Deutschland: Berlin. Range (in code): AL Cc AM Bn At Kts AT AZ Ba BG Bry BY CH CN Ui MN CZ DE DK EE ES Mu FR GG GR HU IQ IR Ab Ak Elb IT KG LT LV PL PT RO RU Si SK Sm So Sr TR T-S UA Uk VI YU KK Or Cb Ty Om Sp Tk Aa Rk Aq Tar Sau DsA Ket Kua TrA Nrk 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 53 56 58 60 61 62 65 66 69 71 72 73 74 76 80 03C 04D 04Db 05A 06B 06G 06K 06P 06R 06Rd 06V 12A 12Aa 12B 13A 13Ac 13Ad 13C 13Cf 13E 13Ea 13F 13G 13Ga 13Gv 13Gw 16R 23D 23De 23I 23Ia 23Ib 23M 24B 24Bb 24G 24H 25F 25Fa 25Fb 25Fc 29A 29Ae 29F 30B 30Br 30D 30Du 31M 33H 36B 36D 36Dd 36Df 36E 36H 38G 38Ga 46F 46H 46Hc 49E 49Ea 49F 49Fd 56F 58C 58G 58Ga 62E 62F 65D 65Dc 65Dd 65Dda 65Dk 65Dm 65Do 65Doa 65Dp 65E 65Eb 65F 65Fe 65Fh 65Fc 65Fj 65Fp 65Fz 65G 65Gm 65K 65Kb 65Kc 65Kö 65Kü 65Kg 65Kl 65Km 66A 69B 69Ba 72E 72Ec 72Ei 73C 73Cd 75A 75Ab 75Ac 75D 75E 75F 75Fa 76A 76Ab 76C 80B 80Bc

37. Lycaena (Loweia) tityrus (Poda,1761) (Lycaenidae) Synonym(s): tityrus Poda,1761; acrion [Brünnich],1763; orientalis Staudinger,1881; argentifex Balint,1990. Taxref.: Papilio tityrus Poda,1761, Insecta Musei Graecensis: 77. Type(s): [Austria]: Graz. Range (in code): AF Ca AL Cc AM Bn At AT AZ Ba BE BG BY CH CZ DE DK EE ES FR GG GR HU IQ IR Ab Ak Msw Elb Th Ha IT LB LT LU LV MK NL PL PT RO RU SK Sm So Sr TR UA YU KG Tt Uk Aq Rk Ka Pw Om Sp Tk DsA Tar Lps CN Ui 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 04D 04Db 05A 06A 06B 06D 06G 06H 06K 06P 06R 06Rd 06S 06V 06Z 12A 12Aa 13A 13Ab 13F 13G 13Ga 13Gv 13Gs 13Gw 14I 14Ib 21K 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 27Cb 30D 30Dh 30Dt 34K 36D 36F 39C 44F 44Fb 46F 46Fc 46G 46Gf 49E 49Ea 49F 49Fd 56F 58G 58Gj 58R 65D 65Dc 65Dd 65Dk 65Dl 65Dr 65Drb 65Dt 65E 65Eb 65Ec 65F 65Fh 65Fg 65Fe 65Fj 65Fu 65Fr 65Fq 65Fz 65G 65Gp 65Go 66A 73C 73Cd 78D 78Da 80A 80B 80Bc

- 38. *Lycaena (Margelycaena) euphratica* (Eckweiler,1989)** (Lycaenidae) Synonym(s): euphratica Eckweiler,1989 Taxref.: *Lycaena* (Phoenicurusia) euphratica Eckweiler,1989, Nachr. ent. Ver. Apollo (N.F.) 10(2): 83-90, figs. Holotype ♂: Türkiye: Bingöl, 14-24km S Genç, 1200-1400m (ITZA). Range (in code): TR IR Ab 02 12 13 25 30 49 65 72 73 02F 12B 13G 13Gb 13Gö 13Gg 13Gv 13Gw 30D 30Dt 49E 49Ea 65D 65Dc 65F 65Fb 65Fc 65Fe 65Fh 65Fz 72E 72Eh 73C 73Cd
- 39. *Lycaena (Palaeochrysophanus) candens* (Herrich-Schäffer,[1845])** (Lycaenidae) Synonym(s): candens Herrich-Schäffer,[1845] Taxref.: *Polyommatus candens* Herrich-Schäffer,[1845], Syst. Bearb. Schmett. Eur. 1: 133, figs.240-243. Syntypes: [Türkei]: Brussa [Bursa, Uludagh]. Range (in code): AL Cc GG Akh Cbo GR IR Ab Elb Mz RO TR Arr YU BG B-H HV MK Ril 03 04 05 06 08 13 14 16 18 24 25 28 29 30 36 43 49 52 53 58 60 61 65 66 69 75 76 05A 06G 13A 13Ad 14I 14Ib 25F 25Fc 30B 30Ba 30Bb 30Bk 36D 36Db 49F 49Fd 60C 65A 65D 65Db 65F 65F1 65Fq 65Fü 65Fz 65G 65Gv 65Gz 66A 69B 69Ba 75A 75Ab 75Ac 75D 75E 75F 75Fe 76A 76Ab 76C
- 40. *Lycaena (Thersamonia) thersamon* (Esper,[1784])** (Lycaenidae) Synonym(s): hyllus Cramer,[1775]; thersamon Esper,[1784]; omphale Klug,1834; persica Bienert,1870; #militaris Graves,1925. Taxref.: *Papilio thersamon* Esper,[1784], Die Schmett. 1 (Bd.2) Forts. Tagschmett.: 176, pl.89, fig.6 Type(s): [Russia]: Sarepta. Range (in code): At Bn Ao He Kos AF AL AT Ba BG BY CN Ui CY CZ GR EG Sn HU Ii IL Pa Hf IR Kh IT JO KG KK MK PL Rd RO RU SK Sm Sr Tk TR T-S UA Uk VI YU SY Buc Nym Sat Sau Tar Mrk DsA TrA Aa Tk Rk Aq Syr Tm Cc 01 02 03 04 05 06 07 08 10 11 12 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 38 39 40 41 42 43 44 46 48 49 50 51 52 53 55 57 58 59 60 62 66 68 69 70 71 74 76 77 79 80 01F 02F 02Fc 05A 06A 06B 06E 06H 06K 06P 06R 06Rd 06V 06Z 12A 12Ab 12B 23D 23Dc 23I 23Ia 23E 25F 25Fa 27C 27Cb 31A 31Aa 31L 31La 39C 44F 44Fa 44Fb 46F 46E 46Eb 46G 48A 48Aa 48Al 48Aç 48Af 49E 49Ea 58C 58G 58Gd 58Gi 62D 62G 62H 62F 66A 70C 70Ca 70Cb 76C 76D 76Da 76Dd 79B
- 41. *Lycaena (Thersamonia) thetis* (Klug,1834)** (Lycaenidae) Synonym(s): thetis Klug,1834. Taxref.: *Lycaena thetis* Klug,1834, [in] Ehrenberg, Symb. Phys. Ins. 4: pl.40 figs. 17,18. Syntypes: Syria. Range (in code): GR IQ IR Ab Sro Qba Elb Th LB Cc TR Arr 01 03 04 05 06 07 08 12 13 16 24 25 29 30 32 33 35 36 38 42 44 46 48 49 51 58 60 62 65 66 69 70 73 75 76 05A 06B 06R 06Ri 12E 12Ea 13A 13Aa 13G 13Gv 13Gu 24B 24Bb 24D 25F 25Fa 30B 30Bb 30Bk 30D 30Dh 30Du 30Dt 36D 36Db 36H 44O 44Od 46F 49F 49Fd 58G 58Gi 58Gg 65D 65Dc 65G 65Ge 65Gl 65Gp 65F 65Fe 65Fm 65Fq 65Fc 65Fu 65Fx 65Fw 65Fe 65Fh 65Fz 65K 65Kb 65Kc 65Kg 65Kl 65Km 65Kö 69B 69Ba 70C 70Cb 75F 75Fa 76B 76C
- 42. *Lycaena (s.str.) phlaeas* (Linnaeus,1761)** (Lycaenidae) Synonym(s): phlaeas Linnaeus,1761; virgaureae Fourcroy,1785 nec Linn.,1758; eleus Fabricius,1798; aestivus Zeller,1850; schmidtii Gerhard,1853 Taxref.: *Papilio phlaeas* Linnaeus,1761, Fauna Suecica (2): 285. Type(s): Sweden, Westermannia. Range (in code): Ad Ae AF AL AM Ao As At AT Aty AZ Ba BE BG BY CH Cm CN Co Cr CY CZ DE DK EE ES FI FR GB GG GR HU IE IL IN IQ IR IT JO KG Kgs KK Kmt Ku LB Ld LT LU LV MK MN MT NL NO PK PL PT Rd RO RU SA Sa SE Si SK Sm So Sr SY Ti TJ Tk TM TR UA Ui Uk VI YE YU Cw Dv Smt Mui8 Bn Cy LY H-W Sur Ssx Ken MA DZ TN Pm Bik Ci Bi Ca Cp Sau Tar DsA Ax TrA KuA TeA Ket T-S Pes Mre Mus Krl JP US Cf UG ZR ET Md Mon Abt CA Msc Ab Ak B-A Bk Brz Bu By Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Prj Us Pa Hf Sml Arr Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRE Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Leo Mdr Mlg Md Nrr Ore Pv Lug Ple Rio San Seg Sma Sro Svl Ter Tol Trg Val Vrl Zg Zm US Acs Cf Cnt Col Dw Ge Id Idp Iln Io Kan Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk NMx Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Ut Vi Vr WVi Wc Wy Um Adu Bgd Cc Msw Qba Bhh Gha Azr Rbt Ges Ng Jla Hr Blm 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 78 80 81 04D 04Db 05A 06B 06D 06G 06K 06P 06R 06Rd 06V 06Z 13A 13Ab 13Ac 13F 13F33 13G 13Ga 13Gö 13Gg 13Gv 13Gm 13Go 13Gs 13Gü 13Gy 13Gw 21N 21Nb 23C 23Cc 23D 23Dc 23I 23Ia 23Ib 23E 23F 25Fa 27C 27Cb 30B 30Bk 30D 30Dt 31A 31Aa 31C 31Cb 31C 31Ka 31L 31La 31M 33A 35T 35Td 36D 36Db 38H 38Hc 39C 44F 44Fb 44L 44Lc 45L 45La 46F 48A 48Aa 48Ak 48D 48F 48L 49E 49Ea 56F 58G 58Ga 58Gj 58Gi 60H 62F 63D 65D 65Dc 65Dk 65Dm 65Do 65Dr 65Drb 65Dt 65Dw 65E 65Eb 65Ec 65F 65Fc 65Fd 65Fe 65Fg 65Fn 65Fl 65Fj 65Fi 65Fq 65Fp 65F3 65Fu 65Ft 65Fx 65Fz 65G 65Ga 65Ge 65Gp 65Gn 65K 65Kl 65Km 65Kö 65Ks 65Kü 65Kw 65Ky 65Ky1 65N 65Nc 65Nr2 65Nm 66A 73C 73Cd 73D 73Da 73Db 73Df 75F 75Fa 76A 76Ac 76Ad 76B 76Be 76Bf 76Bh 76Bj 76C 76D 76Db 78D 78Da 80B 80Bc
- 43. *Phengaris arion* (Linnaeus,1758)** (Lycaenidae) Synonym(s): arion Linnaeus,1758; telegone Bergsträßer,1779; telegones Bergsträßer,1779; mamers Bergsträßer,1779; arcina Fruhstorfer,1910; eutyphron Fruhstorfer,1915; microchroa Verity,1948; gelirae Lempke,1956 Taxref.: *Papilio arion* Linnaeus,1758, Syst. Nat. (Edn.10)1: 483. Type(s): Europa [Deutschland, Nürnberg]. Range (in code): AL At Bn Kts AM Cc At Ba BE BG BY CH CN Co CZ DE DK EE ES FI FR GB GG Bjo GR HU IT HV IR Ab Ak Ar Kb Kc LT LU LV MK NL PL PT RO RU Pja SE SK Sm So Sr St TR T-S UA Ui VI YU B-H Wat Sat Cat Nat Sau Tar DsA Ket Tu KuA TrA KG 03 04 05 06 08 13 14 16 24 25 29 34 36 49 62 65 69 74 75 76 04E 05A 06E 13G 13Gv 34M 36F 49F 49Fd 65D 65F 65Fe 65Fp 65Fz 65K 65Kd 65Kg 65Kz 75A 75Aa 75F 75Fa 76C
- 44. *Plebejus (Kretania) carmon* (Gerhard,[1851])** (Lycaenidae) Synonym(s): carmon Gerhard,[1851, November]; eurypilus Freyer,[1851,December]. Taxref.: *Lycaena carmon* Gerhard,[1851],

Versuch Monogr. eur. Schmett. (7):15,nr.58, pl.25 figs.1a-c. Syntypes: Türkei [=Amasya]. Range (in code): AM AZ Cc Arr GG Smt Akh GR Sms IL Pa IR LB RU Kr SY TR 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 49 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76 79 01H 01K 04D 04Db 05A 06B 06C 06D 06K 06R 06Rd 06V 06Z 07A 07Al 13A 13Ac 13Ad 13B 13Ba 13C 13Cd 13Cf 13G 13Gv 13Gw 21N 21Nb 23Cc 23I 23Ia 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 27B 27C 30A 30B 30Bb 30Bk 30Br 30C 30D 30Dt 35S 35Sb 38C 38Ca 42D 42Dc 42H 42X 42Xa 44E 44I 44L 44Lb 44O 44Od 46G 46Gf 49E 49Ea 49F 49Fe 56B 56F 58C 58G 58Gd 58Gi 63D 63H 63M 65D 65Dc 65Dd 65Dda 65Di 65Do 65E 65Eb 65F 65Fc 65Fg 65Fi 65Fh 65Fe 65Fm 65Fj 65Fü 65Fp 65Fz 65G 65Gl 65Gp 65Gm 65Gu 65Gz 65K 65Kg 65Kb 65Kc 65Kl 65Kö 65Kü 65N 65Nb 65Np2 65Np5 65Np7 65Nr3 65Nr6 65Nm 66A 72E 72Eb 72Ec 72Eh 72Ei 72Ek 73A 73C 73Cd 76C 76D 76Da 76Dc 79B 79Ba

45. Plebejus (Lycaeides) idas (Linnaeus,1761) (Lycaenidae) Synonym(s): idas Linnaeus,1761; leodorus Esper,1782; acreon Fabricius,1787; amphion Fabricius,1793. Taxref.: Papilio idas Linnaeus,1761, Fauna Suecica (2): 284. Type(s): Suecia. Range (in code): T-S Ui Ku Cc AM Ao At AT Ba BE BG B-H BY CH Co CZ DE DK EE ES FI FR GG GR HU HV IT IR Ab Elb KG KK LB LT LV MK NL NO PL PT RO RU Sa SE Si SK Sm So Sr SS TR Arr UA Uk Vi YU DsA TeA KuA TrA US Cf Col Id Mai Mch Mns Mon Ne Org Ut Wc Ws Wy 01 03 04 05 06 07 08 13 14 16 18 19 24 25 26 29 30 33 36 37 38 39C 42 44 46 49 51 52 53 58 62 65 66 67 69 70 73 74 76 01K 04D 04Db 05A 06R 13G 13Gv 13Gw 25F 25Fb 30B 30Ba 30Bb 30Bk 30D 30Dt 39C 46F 49E 49Ea 65D 65Dc 65F 65Fc 65Fe 65Fq 65Fz 66A 73A 73Ad 73Ad2 73C 73Cd 76C 76A 76Ab

46. Plebejus (Plebejides) modicus Verity,1935 (Lycaenidae) Synonym(s): modicus Verity,1935; microsephyrus Verity,1935 Taxref.: Plebeius sephyrus race modica Verity,1935, Bull. Soc. ent. Fr. 40: 245. Syntypes: [Turquie]: Ak-Chehir. Range (in code): GG Smt Akh Cc TR RU Kc Teb 01 02 03 04 05 06 07 08 12 14 16 17 18 19 21 23 24 25 26 28 29 30 32 33 34 35 36 37 38 42 44 46 47 48 49 50 51 52 53 56 58 59 60 62 66 68 69 70 71 72 73 75 76 04D 04Db 05A 06A 06B 06C 06K 06R 06Rd 06V 06Z 25F 25Fa 25Fb 25Fc 38H 38Hc 46F 46Fc 46Fd 66A 76C

47. Plebejus (s.str.) argus (Linnaeus,1758) (Lycaenidae) Synonym(s): argus Linnaeus,1758; aegon Denis & Schiffermiller,1775; plouharnelensis Oberthür,1926; pulchraphilonome Verity,1931. Taxref.: Papilio argus Linnaeus,1758, Syst. Nat. (Edn.10):1: 483. Syntypes: Europa, Africa. Range (in code): AL Ao At Bn Kts AT Ba BE BG BY CH CN Co CZ DE DK EE ES Mu FI FR GB GR HU IT IR Elb Ab Ak IQ KG Ku LT LU LV NL NO PL PT RO RU Sa SE Si SK Sm So Sr TR Cc GG Smt Akh AZ AM UA Ui Kml Uk Vi Ya Yu Cw Dv Smt H-W Sur Ssx Ken Kuz Sli Sau Tar Mn Mgd KP KR JP Sh Us Arr Shf Khy AF Kab 01 03 04 05 06 07 08 10 13 14 16 17 18 22 24 25 26 28 29 30 32 33 34 36 37 38 39 41 42 43 46 49 50 51 52 53 54 55 58 59 60 62 65 66 67 69 70 73 75 76 78 04D 04Db 05A 06B 06C 06E 06G 06H 06R 06Rd 06V 06Z 13A 13Ac 13Ad 13G 13Ga 13Gd 13Gv 13Gw 14I 14Ib 25F 25Fa 25Fb 25Fc 30B 30Bb 30Bk 30D 38C 38Ca 38H 46F 46Fc 46Fg 49E 49Ea 49Ec 49Ef 49F 49Fd 58R 58Rb 65D 65Dc 65Dc 65Dc1 65Do 65Doa 65F 65Fc 65Fe 65Fi 65Fg 65Fh 65Fü 65Fq 65Fp 65Fs 65Fw 65Fz 65G 65Gp 65Gv 65Gz 65H 65Ha 65K 65Kc 65Kg 65Kl 65Km 65Kö 65Kü 65Ks 66A 76C 76A 76Ab 76B 76Bf 76Bh 76D 76Da 78D 78Da

48. Polyommatus (Albulina (Plebejidea)) loewii (Zeller,1847) (Lycaenidae) Synonym(s): loewii Zeller,1847; empyrea Gerhard,[1851]; gigas Staudinger,1871; #robusta Turati & Fiori,1930; germaniciae Pfeiffer,1932; dzhegamati Sheljuzhko,1934. Taxref.: Lycaena loewii Zeller,1847, Isis 1847: 9-10. Syntypes ♂+: [Türkei]: Makri [Fethiye]. Range (in code): Nwf Ci Bl Chm Bm Kab AF Cc AM AZ EG GG Smt Akh GR IL IQ IR Ab Ak Msw Zj By Fa Elb Th JO Kc KG KK LB Nf Nj OM PK Rd RU SA SY TJ TM TR Ld Ng Hr Log Kab 01 02 03 04 05 06 07 08 12 13 14 15 18 21 24 25 26 27 29 30 32 33 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 56 58 60 62 63 65 66 69 70 71 72 73 75 76 78 80 04D 04Db 05A 06C 06G 06K 13B 13Ba 13G 13Gb 13Gv 13Gc 13Gw 25F 25Fa 25Fb 25Fc 27C 27Cb 30A 30B 30Bk 30Bo 30Br 30D 30Dt 30Du 40D 43G 44E 44L 44O 44Oc 44Od 46F 48A 48Ak 48D 49A 49Aa 49E 49Ef 49F 49Fd 56F 58C 58G 58Ga 58Gi 58R 58Rb 63B 63D 63F 63H 63G 65D 65Dc 65Dc 65Dc1 65Dl 65Dlc 65Dp 65Do 65G 65Ge 65Gp 65Gl 65E 65Ea 65Eb 65F 65Fc 65Fg 65Fh 65Fi 65Fj 65Fe 65Fn 65Fm 65Fp 65Fü 65Ft 65Fx 65Fe 65Fz 65K 65Kc 65Ké 65Kg 65Kl 65Kö 65Kü 65Kz 65N 65Nb 65Np 65Np5 65Nr3 65Nr4 65Nm 66A 72E 72Eh 76C 76D 76Da 78D 78Da

49. Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): medon Hufnagel,1766 nec Linn.,1763; alexis Rottentburg,1775 nec Poda,1761; agestis [Denis & Schiffermüller],1775; astrarche Bergsträßer,[1779]. Taxref.: Papilio agestis [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett, Wienergegend: 184. Type(s): [Austria]: Vienna district. Range (in code): AL AM Ao At AT AZ Ba BE BG B-H BY CH CN Co Cr CZ DE DK FR GB GG GR ES Mu HU HV IL IQ IR IT JO KG KK Ku LB LT LU MK MT NL PL Rd RO RU SE Si SK Sm So Sr SS SY Tk TM TR T-S UA Ui Uk Vi YU Cw Dv Smt H-W Sur Ssx Ken LAT Wn Sau Tar DsA TrA Ax T-S PK Nwf Ci Mre Haz IN Kma Bl Sml Hp Ch CY Ab Sro Msw Qba Ak Elb Th Kp Fa Cc Arr AF Hr 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 78 81 01H 01G 01D 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06N 06Nc 06R 06Rd 06S 06V 06Z 13A 13Ab 13D 13Da 13E 13Ea 13F 13F35 13G 13Gö 13Gg 13Gs 13Gw 21N 21Nb 25F 25Fa 27C 27Cb 27E 30A 30B 30Bk 30Br 30D 30C 31A 31Aa 31B 31L 31La 39C 44E 44F 44Fb 44L 44T 45L 45La 46F 46Fc 46Fd 46G 46Gf 48A 48Ak 48Ad 48Ai 48F 49E 49Ea 56F 58C 58G 58Gi 63B 63D 63E 63G 63M 65D 65Dj 65Dk 65Dq 65Dn 65Dr 65E 65Eb 65Ec 65Ed 65F 65Fd 65Fg 65Fh 65Fx 65Ft 65Fi 65Fz 65Fc 65G 65Ga 65Gh 65K 65Kl 65Km 65Ku 65N 65Nc

65Nl 65Np 65Np8 65Nm 65Nn 66A 70C 70Cb 72E 72Eb 72Ei 73A 73Ad 73C 73Cd 73D 73Db 76A 76Ac 76Ae 76E 76Ea 76D 76Da 76Dc 76Dg 78D 80C 80E 80G

50. Polyommatus (s.str. (Agrodiaetus (Actisia))) pseudactis (Forster,1960) (Lycaenidae) Synonym(s): pseudactis Forster,1960 Taxref.: Agrodiaetus actis ssp. pseudactis Forster,1960, Z. Wien. ent. Ges. 45: 107-109, Taf.10 & 11 figs. 4 & 5. Holotype ♂: Armenia, mts. Daralagez, pag. Martiros, ca.2000m. Range (in code): Cc AM Eri IR Gor Ab Khy IQ Ry TR Arr 01 03 04 08 24 25 29 30 31 36 38 42 44 46 49 50 51 58 62 65 66 69 76 30B 30Bd 30Bh 36D 46F 49E 49Ea 65A 65D 65Dc 65Dp 65G 65Ge 65F 65Fe 65Fj 65Ft 65Fz 65N 65Np8 65Nr6 65Nm 66A 76C 76D 76Da

51. Polyommatus (s.str. (Cyaniris)) bellis (Freyer,[1842]) (Lycaenidae) Synonym(s): bellis Freyer,[1842] Taxref.: Lycaena bellis Freyer,[1842], Neuere Beitr. Schmett. 5: 26, Taf.398, figs.1,2. Type(s): Türkei. Lectotype ♂: Suburbs of Istanbul (designated by Balint,1999, Neue ent. Nachr. 46: 18-19) (BMNH). Range (in code): AM GG Cc IR Ab Ak Elb Th Gor Se TR SY LB IQ He IL Pa 01 03 04 05 06 07 08 10 12 13 14 16 17 18 19 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 44 46 49 50 51 52 53 56 58 59 60 61 62 65 66 69 70 71 74 75 76 80 01L 01Lb 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06P 06R 06Rd 06V 13D 13Da 13G 27C 30B 30Bb 30Bk 46F 46Fc 49E 49Ea 56F 65D 65Dc 65Dd 65Dda 65Dn 65Do 65Dq 65Dt 65Dv 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fd 65Fe 65F3 65Fm 65Fw 65Fz 65K 65Kö 65Kg 65M 65Mc 66A 75F 76C

52. Polyommatus (s.str. (Lysandra)) bellargus (Rottemburg,1775) (Lycaenidae) Synonym(s): bellargus Rottemburg,1775; thetis Rottemburg,1775 nec Dru.,1773; adonis Denis & Schiffermüller,[1775]; salacia Bergsträßer,1779; venilia Bergsträßer,1779; hyacinthus Lewin,1795; urania Gerhard,[1851]; persemagna Verity,1937; arentissima Verity,1937; arens Verity,1937; arentior Verity,1937; antearentior Verity,1937; parabellargus Verity,1939; shakla Higgins,1958 Taxref.: Papilio bellargus Rottemburg,1775, Naturforscher 6:25. Type(s): Deutschland. Range (in code): AL AM AT AZ Cc Arr BG B-H BL BY CH CZ DE EE ES Mu Mu18 FR GB GG GR HU HV IQ Hjo IR Ab LB IT LT LU LV MK PL PT RO RU Si SK Sm So Sr SS TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 19 20 21 23 24 25 26 27 28 29 30 32 33 34 36 37 38 39 41 42 43 44 46 49 50 51 52 53 55 56 58 60 61 62 65 66 68 69 70 71 72 73 74 75 76 78 80 04D 04Db 05A 06B 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 13C 13Cd 13D 13Da 13E 13Ea 14I 14Ib 21N 21Nb 25F 25Fa 25Fb 25Fc 30B 30Br 30D 38H 38Hc 44A 44Ab 44E 44O 44Oc 46F 46Fc 46Fd 49F 49Fe 56F 65D 65Di 65Dh 65Dk 65Dr 65Drb 65Dq 65F 65Fe 65Fg 65Fh 65Fj 65Fi 65Fm 65Fp 65Fz 65Ft 65Fu 65Fx 65F3 65G 65Gd 65Ge 65H 65Ha 65K 65Ka 65Kl 65Kö 65N 65Np 65Nm 66A 73A 75F 75Fi 76A 76Ac 76C 76D 76Dd

53. Polyommatus (s.str. (Lysandra)) corydonius (Herrich-Schäffer,[1852]) (Lycaenidae) Synonym(s): corydonius Herrich-Schäffer,[1852] Taxref.: Lycaena corydonius Herrich-Schäffer,[1852], Syst. Bearb. Schmett. Eur. 6: 27, ibidem 1: pl.123 figs.595-596. Syntypes: Türkei; Südrussland. Neotype ♂: [Azerbaidjan]: Helenendorf, designated by Schurian (1988: 139) (NHMW). Range (in code): Cc AZ RU TR GG AM IR Ak Ab 04 08 12 13 23 24 25 29 36 49 58 62 65 69 73 75 76 04D 04Db 12A 12Ab 13G 13Gw 23I 23M 25F 25Fa 25Fb 25Fc 49F 49Fd 58F 62E 62G 65D 65Dc 65G 65F 65Fc 65Fi 65Fr 65Fq 65Fz 65G 65Gd 65Gp 65Ge 65K 65Kb 65Kc 65Kl 65Km 65Kö 65Kg 65Kw 65N 65Nr4 65Nm 73A 73Ag 73C 73Cd 75D 75F 76C 76D 76Da

54. Polyommatus (s.str. (Meleageria)) daphnis ([Denis & Schiffermüller],1775) (Lycaenidae) Synonym(s): daphnis [Denis & Schiffermüller],1775; endymion [Denis & Schiffermüller],1775 nec Fabricius,1775; meleager Esper,1778; dalmatina Wagner,1909. Taxref.: Papilio daphnis [Denis & Schiff.],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 182. Type(s): [Austria]: Vienna district. Range (in code): Aq Sms AL Cc AM AT AZ Ba BG B-H BY CH CZ DE ES FR GG GR HU HV Zad IQ IR Ab Ak Mrd Qba Sro Lo Ha Elb Th Gor IT KG LB MK PL RO RU Si SK Sm So Sr SS SY TR UA VI YU LAT Wn 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 20 21 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 53 56 58 60 62 65 66 68 69 70 71 73 74 75 76 78 04D 04Db 05A 06B 06C 06D 06E 06K 06N 06R 06Rd 06V 06Z 13G 13Gv 13Gw 14I 14Ib 24E 24Ea 30B 30Ba 30Bc 30Bj 30Bd 30Bh 30Bf 30Br 30C 30D 30Da 30Db 30Dt 31M 44F 44Fb 46F 46L 49E 49Ea 56F 58G 58Gj 58Gi 58Gk 58R 58Rb 65D 65Dc 65Dd 65Dc1 65Do 65Dp 65K 65Kb 65G 65Gd 65Ge 65Gm 65Gn 65Gs 65Go 65Gp 65F 65Fb 65Fc 65Fg 65Fh 65Fe 65Fq 65Fj 65Fi 65Fp 65Ft 65Fü 65Fu 65Fr 65Fz 65K 65Kc 65Ké 65Kl 65Km 65Kö 65Kü 65Kz 65Kg 65Kw 65N 65Np 65Np5 65Nr2 65Nr4 65Nm 75F 76C 76D 76Da

55. Polyommatus (s.str. (Neolysandra)) alticola (Christoph,1893) (Lycaenidae) Synonym(s): alticola Christoph,1893; alexander Higgins,1981 Taxref.: Lycaena coelestina var. alticola Christoph,1893, Dt. ent. Z., Iris 6: 86. Syntypes: Armeniae rossicae [Türkei]: Urmus, Kasikoparan. Lectotype ♂: Kasikoparan (designated by Nekrutenko in Hesselbarth,1995: 652); Balint's (1999: 11) designation is invalid. Range (in code): Cc AM TR IQ IR Ak Ab 04 08 13 23 24 25 29 30 36 44 49 62 65 69 73 76 13G 13Gv 65D 65E 65Eb 65F 65Fm 65Fe 65G 65Gv 65Gz 65I 65Ib 65M 65Mc 65Md 76C

56. Polyommatus (s.str. (Neolysandra)) ponticus (Courvoisier,1911) (Lycaenidae) Synonym(s): ponticus Courvoisier,1911 Taxref.: Lycaena pontica Courvoisier,1911, Dt. ent. Z., Iris 25: 107, pl.2 f.12. Type ♂: [Turquie]: Amasia (in NHMB) Range (in code): TR 01 05 06 07 12 28 38 42 46 49 52 58 65 05A 06D 06E 06R 12A 12Ab 46F 46Fg 49E 49Ea 65D 65Dc 65Dz 65Dza 65Fz

- 57. Polyommatus (s.str. (Plebicula)) amandus (Schneider,1792)** (Lycaenidae)
Synonym(s): icarius Esper,1789 nec Rottemburg,1775; amandus Schneider,1792 Taxref.: Papilio amandus Schneider,1792, Neuestes Mag. 4: 428. Type(s): Sweden. Range (in code): Lsb Bn At AL AM AT AZ Ba BG BY Cc CH CN CZ DE DK EE ES FI FR GG GR HU IQ IR Ak Ab Jal Elb Th IT KG KK LB LT LV NO PL RU SE Si SK Sm So Sr Tk TR T-S UA Ui Uk VI YU Aq Cb Bs Or Kg Pp Kw Ty Pw Om No Mn Sp Tk Aa Db Ax Kuz Sli Sau Tar DsA TrA TeA T-S 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 72 73 74 75 76 78 80 05A 06B 06G 06K 06R 06Rd 06V 06Z 13G 13Gc 13Gt 13Gv 14I 14Ib 24E 24Ea 27C 30A 30Aa 30B 30Ba 30Bc 30Bd 30Bf 30Bk 30Bj 30C 30Cd 30D 30Da 30Dk 30Dt 31A 31Aa 31L 31La 38H 38Hc 44A 44Aa 46F 46G 46Ge 49E 49Ea 56F 65D 65Dc 65Dc 65Dda 65Df 65Dn 65Dt 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fb 65Fc 65Fe 65Fn 65Fz 65K 65Kl 65N 65Np 65Nş 65Nm 66A 72E 72Ej 75F 76C 78D 78Da
- 58. Polyommatus (s.str. (Sublysandra)) aedon (Christoph,1877)** (Lycaenidae)
Synonym(s): aedon Christoph,1877 Taxref.: Lycaena aedon Christoph,1877, Horae Soc. ent. ross. 12: 236-237, Taf.v fig.8. Syntypes: [Iran]: Schahkuh. Range (in code): IR Ab Khy Elb Th Ha TR Cc 04 08 13 24 25 29 31 36 49 53 62 65 69 76 04D 04Db 13A 13Ad 13G 13Gc 13Gt 13Gv 13Gw 30B 30D 31A 49E 49Ea 65D 65Dd 65Dc 65F 65F1 65Fe 65Fz 65H 65K 65Kü 65N 65Nr2 65Nr3 65Nr4 65Nm 65Nj
- 59. Polyommatus (s.str. (Thersitesia)) thersites (Canterer,[1835])** (Lycaenidae)
Synonym(s): thersites Canterer,[1835]; chapmani Ball,1914; meridiana Verity,1919. Taxref.: Argus thersites Canterer,[1835], Hist. nat. Léop. Rhod. Pap. diurn. Dép...: 53, pl.11, figs.1,2. Syntypes: NW.France: Vosges,etc. Range (in code): Cc AZ Sms Kos AL AT Ba BE B-H BY CH CZ DE ES Mu FR GR HU HV IR Ak Ab Qba Elb Th IT KG KK LB MA MK MN PL PT Rd RO RU SK Sm So Sr SS SY TM TR UA YU TrA TeA T-S DsA Tar Sau Sj GG Tbl MA Azr Ifr 01 02 03 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 52 54 58 59 60 62 64 65 66 68 69 70 71 74 75 76 78 81 06A 06B 06C 06D 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 13A 13Ab 13G 13Gv 30B 30Bk 30D 31A 31Aa 31L 31La 31B 31F 38H 38Hc 39C 44A 44Ab 44O 44Oi 46F 46G 46Gf 49E 49Ea 58G 58Gj 58Gk 58Gi 58R 58Rb 65D 65Dc 65Dd 65Dda 65E 65Ea 65G 65Gd 65Ge 65Go 65Gp 65Gm 65Gq 65F 65Fc 65Fg 65Fh 65Fe 65F1 65Fj 65Fx 65Fz 65K 65Kc 65Kg 65Kl 65N 65Np 65Np5 65Nr6 65Ns1 65Nm 66A 76B 76Bf 76Bh 76D 76Da 76Dg 76E 76Ea
- 60. Polyommatus (s.str.) icarus (Rottemburg,1775)** (Lycaenidae) Synonym(s): argus Poda,1761 nec Linn.,1758; alexis Scopoli,1763 nec Pda,1761; thetis Esper,1777 nec Dru.,1773; icarus Rottemburg,1775; pampholyge Bergsträßer,1779; candybus Bergsträßer,1779; candiope Bergsträßer,1779; candaon Bergsträßer,1779; oceanus Bergsträßer,1779; fuscioles Fourcroy,1785; icarinus Scriba,1795; pusillus Gerhard,1851; celina Austaut,1879; neglectus Stradomsky & Arzanov,1999 Taxref.: Papilio icarus Rottemburg,1775, Naturforscher 6: 21. Type(s): Saxonia. Range (in code): Ae AF AL Ao AT Ba BE BG B-H BY CH CN Co Cr CY CZ DE DK DZ EE ES FI FR GB GR HU HV IE Ii IL IQ IR IT JO KG KK Ku LB LT LU LV MA MK MN MT NL NO PK PL PT Rd RO RU Sa SE Si SK Sm So Sr SS SY TJ TM TN TR T-S Tv UA Ui Uk Us UZ VI YU Cw Dv Smt H-W Sur Ssx Ken Mu Mu18 Bn At Kts Sau Tar Buc Bkb Mrk Ssn Ktm Nym Sb DsA TrA KuA TeA Ax Ii Kuz Sli Bl Ci Nwf Kmt Sju Prj Pa Hf Cc Kc Pe Ir Irk Bc Arr Ab Sro Jal Shf Msw Swa Sgl Mdy Btma Nra Abe Sbd Lbs Ges MA Tgr Rbt Azr LY Cy Hr BLM Ng Kab Ca 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75 76 78 80 81 01A 01C 01H 01G 01F 01K 04D 04Db 05A 06A 06B 06C 06D 06E 06G 06H 06K 06N 06P 06R 06V 06Z 13A 13Ab 13Ad 13B 13Ba 13D 13Da 13E 13G 13Ga 13Gc 13Gv 13Gü 13Gy 13Gw 14I 14Ib 18F 21N 21Nb 27C 27Cb 30B 30Bb 30Bk 30Br 31A 31Aa 31B 31E 31F 31L 31La 31K 31Ka 38H 38Hc 39C 44O 44Oc 45L 45La 46G 46Gf 46E 46Eb 46F 48A 48Aa 48Ad 48D 48F 48L 49E 49Ea 49Ed 56F 56Fc 56F1 58G 58Gj 58Gi 58Gk 58R 58Rb 63D 63E 65D 65Dd 65Dda 65Dj 65Dk 65Dr 65Drb 65Dm 65Do 65Dn 65E 65Ea 65Eb 65F 65Fc 65Fg 65Fe 65Fh 65Fj 65F1 65Fm 65Fq 65Fr 65Fü 65Fu 65Fx 65F1 65Fj 65Fz 65G 65Ga 65Ge 65Gd 65Gm 65Gn 65H 65Ha 65K 65Ka 65Kb 65Kc 65Kg 65Kl 65Ks 65Kş 65Kö 65Ku 65Ky 65Ky1 65M 65Mc 65Md 65N 65Nc 65Np 65Np2 65Np4 65Np7 65Nr3 65Ns 65Nm 66A 72E 72Eb 72F 73A 73Ad 73Ad2 73D 73Db 73Df 75F 75F1 76A 76Ac 76Ae 76B 76Ba 76Bf 76Bh 76C 76D 76Da 76Dg 76E 76Ea 78D 78Da 80B 80Bd 80C 80E
- 61. Pseudophilotes vicrama (Moore,1865)** (Lycaenidae) Synonym(s): vicrama Moore,1865 Taxref.: Polyommatus vicrama Moore,1865, Proc. zool. Soc. London 35: 505, pl.31, fig.6. Syntypes: Tibet: Shipkee; [India]: Middle Kunawur: Cheeni. Range (in code): AF Ng Kab Jla AL At Bn AT Ba BG BY CY Ch Ci CN Cr CZ DE EE FI GR HU Ii IN IR Ab Ak Shf Elb Fa Kp IL Pa JO IQ IT KG Ld LT LV PK PL RO RU SK Sm So Sr Ti TM TR Cc GG Smt Akh UA Ui VI YU Uk Kt Ka Sp Sau Tar DsA TrA Db Syr Tm Ku T-S 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 42 43 44 45 46 47 48 49 50 51 56 58 60 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80 01K 05A 06B 06G 06K 06P 06R 06Rd 06S 06V 06Z 07A 07B 07Bc 13G 13Ga 13Gö 13Gg 13Gv 23I 23Ia 23Ib 23D 27C 30B 30D 30Dt 31A 31Aa 31L 31La 35T 45L 45La 46F 46Fc 46G 46Gf 56F 58G 58Ga 58Gi 58R 58Rb 63D 63E 65D 65Dc 65Dc 65Do 65F 65Fb 65Fd 65Fb 65Fc 65Fd 65Fe 65Fg 65F1 65Fh 65Fq 65Fz 65K 65Kl 65Kz 65Kg 65N 65Np 65Np2 65Nm 66A 72E 72Ei 73A 73Ad 73Ad2 76B 76Bf 76Bh 76C 76D 76Da 76Dg 78D 78Da 80B 80Bc
- 62. Quercusia quercus (Linnaeus,1758)** (Lycaenidae) Synonym(s): quercus Linnaeus,1758; longicauda Riley,1921 Taxref.: Papilio quercus Linnaeus,1758, Syst. Nat. (Edn.10) 1: 482. Type(s): [England (Verity,1943)]. Range (in code): AL AM Ao AT AZ Ba BE BG B-H BY CH Cr CY CZ DE DK DZ

EE ES FI FR GB GG GR HU HV IE IQ IR Fa IT KG LB Le LT LU LV MA MK NL NO PL PT Rd RO RU Sa
Sms SE Si SK Sm So Sr SS TR UA Uk VI YU Cw Dv Smt H-W Sur Ssx Ken SY Alv Atu Av Bad Bar Bgs C-M
Cas Ccs Cor Dja Cue Ct Gna Gp Gu Hue Lda Leo Mdr Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Ter Tol
Trg Val Vcl Zg Zm Akh Ab Rf 01 03 05 06 07 08 09 10 11 12 14 16 17 18 21 22 23 25 28 29 30 32 33 34 35
38 39 42 43 44 45 46 49 52 56 58 60 62 64 65 66 71 73 74 01K 05A 06B 06D 06R 06Rd 06V 12A 12Ab 12E
12Eb 21N 21Nb 23I 30B 30Bf 30D 30Db 38H 38Hc 49E 49Ea 56F 62E 62G 61K 65D 65Dl 65Dlc 66A 73A
73Ad 73Ad2 73D 73Dg 75F

63. Satyrium (Nordmannia) abdominalis (Gerhard,[1850]) (Lycaenidae) Synonym(s): abdominalis Gerhard,[1850]; gerhardi Staudinger,[1895]; alboabdominalis Pfeiffer,1938; persica Riley,1939; #gerhardti Wiltshire,1943; elta Higgins,1964. Taxref.: Thecla abdominalis Gerhard,[1850], Versuch Monogr. eur. Schmett.: 4, Pl.4 figs.3a-c. Syntypes: [Aserbaidjan]: Elisabethpol [=Kirovabad]. Range (in code): He IL AM Cc AZ GG IQ IR Elb Ab Khy Ak Fa Ke LB TR 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 70 71 72 73 76 80 05A 06K 13C 13Cd 13G 13Ga 13Gd 13Gv 13Gw 21N 21Nb 23D 24E 24Ea 27C 27Cb 30B 30Bg 30Br 30D 30Db 31L 31La 36D 44L 44Lb 46F 46G 47D 56B 56F 58C 58G 58Ga 58Gi 62E 62G 63E 65D 65Dd 65Dda 65Dm 65Dp 65Dv 65Dt 65Dn 65Ds 65F 65Fb 65Fc 65Fd 65Fe 65Fj 65Fq 65Fp 65Fü 65Fw 65Fz 65K 65Kl 65Kö 65Kü 70C 70Cb 72E 72Eh 73D 73Df 76C 80B 80Bc

64. Satyrium (Nordmannia) armenum (Rebel,1901) (Lycaenidae) Synonym(s): armenum Rebel,1901 Taxref.: Thecla myrtale var. armena Rebel,1901, Annln naturh. Mus. Wien 16: 165-166. Syntypes: [Türkei]: [İğdır Pr.]: "Kasikoparan". Range (in code): TR Cc 04 08 13 24 25 30 36 49 62 65 69 76 13G 13Ga 13Gc 13Gw 30D 30Dh 36D 36Dd 49E 49Ea 62G 65D 65Dx 65F 65Fc 65Fd 65Fj 65L 69B 69Ba 76C

65. Satyrium (Nordmannia) zabni Oorschot & Brink,1991 (Lycaenidae) Synonym(s): #zabni Higgins,1964; zabni Oorschot & Brink,1991. Taxref.: Satyrium ilicis ssp. zabni Oorschot & Brink,1991, Ent. Ber., Amst. 51 (3): 38-43, 5 figs. Holotype ♂: Turkey: Hakkari prov., 35-40km. E. Uludere, 1200-1300m. (ITZA). Range (in code): IQ Er Slh IR Lo TR 02 12 13 21 23 25 27 30 31 44 46 47 49 56 62 65 72 73 13C 13Cf 13D 13Da 13E 13Ea 13G 13Ga 13Gw 21N 21Nb 31L 31La 47E 49E 49Ea 56B 56F 56Fa 62E 65D 65Dl 65Dlc 65Do 65Dn 65Du 65F 65Fb 65Fc 72E 72Em 73C 73Cd

66. Satyrium (Strymonidia) spini (Fabricius,1787) (Lycaenidae) Synonym(s): #spini [Denis & Schiffermüller],1775; lynceus Esper,[1779] nec Drury,1773; spini Fabricius,1787; cerasi Herbst,1804 nec Fabricius,1787; #albosparsa Oberthür,1910; anatolicus De Lattin,1950. Taxref.: Papilio spini Fabricius,1787, Mant. Ins. 2: 68. Syntypes: Germania. Range (in code): AF AL AM AT AZ Ba BE BG BY CH CZ DE ES FR GG GR HU IQ IR Ab Ak Elb IT KG Kp LB Le LT LU PL PT RO RU SK Sm So Sr TM TR UA Uk VI Act Ale Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Arr Hr 01 03 04 05 06 07 08 13 15 16 17 18 19 21 24 25 26 27 29 30 31 32 33 34 36 38 41 42 43 44 46 48 49 50 51 56 58 60 62 63 65 66 68 69 70 71 73 74 75 76 78 80 01D 01H 01K 01G 03D 03E 04H 04I 05A 06B 06C 06K 06N 06R 06Rd 06V 07A 07B 07Bc 07G 13C 13Cf 21N 21Nb 24D 27E 29F 30D 30Du 31F 32A 32Ab 32I 32D 33E 33F 33G 33H 33P 36D 36Dd 36Df 36F 36H 38C 38Ca 42D 42Dc 42E 44E 46F 49F 49Fe 56B 58G 58G 58Ga 58Gi 58Gg 62E 62G 63E 65D 65Dw 65Dö 65E 65F 65Fc 65Fp 65Fz 65K 65Km 73C 73Cd 75F 75Fa 76B 76C 76D 76Dc 78D 78Da 80B 80Bc 80Bd 80G

Papilionidae

67. Archon apollinaris (Staudinger,[1892]) (Papilionidae) Synonym(s): apollinaris Staudinger,[1892]; pallidior Spuler,1892; #mardina Stichel,1907 Taxref.: Doritis apollinus var. apollinaris Staudinger,[1892], Dt. ent. Z., Iris 4: 225. Syntypes: [Türkei: Erzincan Prov.]: nordöstlichen Kleinasien: Goman Otti, 1500m., lectotype designated by Wagener (1995). Range (in code): Dk IQ Mos IR Lo Km TR 13 21 23 24 30 47 49 56 62 65 73 13F 13F33 13F35 21N 21Nb 30A 30Aa 47C 49E 49Ea 49Ec 49Ef 49F 49Fd 56F 56Fa 56Fb 56Fg 56G 62G 65D 65Dh 65Dk 65Dl 65Dn 65Dp 65Dr 65Drb 65F 65F1 65Ff 65Fg 65Fy 65Fz 65K 65Ka 65Kb 65Kd 65Kg 65Nc 65Nc 65Kl 65N 65Nb 65Nk 65No 65Np 65Nm 73A 73Ae 73Af 73Ak 73D 73Da 73Db 73F

68. Iphiclides podalirius (Linnaeus,1758) (Papilionidae) Synonym(s): podalirius Linnaeus,1758; sinon Poda,1761; flammeus Fourcroy,1785; brassicae Fabricius,1807; inalpinus Verity,1911; valesiaca Verity,1911; zancaeides Verity,1911; pseudopersica Rocci,1926. Taxref.: Papilio podalirius Linnaeus,1758, Syst. Nat. (Ed.10) 1: 463, nota. Syntypes: Europae austr. & Africae. Lectotype: Italy, Tuscany (ICZN,Op.263). Range (in code): AL Ao At AT Ba BE BG B-H BY CH CN Co Cr CZ DE Dj DK DsA EE ES Mu FI FR GR HU HV Ii IR IT Kb Ket KG Kp Kr Kt Ku Kun LT LU LV MK Mrk NL PL PT Pw Rd RO RU Sa Sau Sem Si SK Sm So Sp Sr Srm SS SW Tar Teb Ti Tk Tlk TM TR Tra T-S UA Ui Uk VI YU Rtc Vrn Sjn Trb IL AM AZ GG LB Beq Bei SY He Mst Sof Rg Skp Bgz Slv Ppp Mt Ko Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mui8 Nrr Ore Pv Ple Lug Rio Seg Sma Sor Svl San Ter Tol Trg Val Vcl Zg Zm Agi Abe Lbs Saia Blid Btina Ktr Cst Phv Sbd Orn Dzc Ahr Hmk Hrh Dzc Dja Clo 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65

66 67 68 69 70 71 73 75 76 77 78 81 04D 04Db 05A 06A 06B 06F 06G 06K 06N 06P 06R 06Rd 06V 06Z
07A 07Ac 09K 09Ka 13C 13Cd 13F 13F35 13G 13Gü 13Gy 13Gw 14I 14Ia 21N 23D 23Da 23I 23Ib 23M 24E
24Ea 25F 25Fa 27C 30A 30B 30Bo 30Br 30D 30Df 30Dt 31A 31Aa 31M 31F 31Fb 31L 31La 39C 40D 43G
44E 44F 44Fb 44L 45L 48A 48Aa 48D 48F 49E 49Ea 49F 49Fe 56F 56Fb 56Fe 56Fh 56Fj 56Fy 58G
58Gi 65D 65Dc 65Dç 65Dd 65Dda 65Dj 65Di 65Di 65Dl 65Dk 65Do 65Dr 65Drb 65Drc 65Dv 65F 65Fd 65Fq
65F3 65Fz 65K 65Kg 66A 73A 73Ad 73Ad2 73Ak 75F 76B 76Bb 78D 78Da

69. Parnassius (Driopa) mnemosyne (Linnaeus,1758) (Papilionidae) Synonym(s):
mnemosyne Linnaeus,1758 Taxref.: Papilio mnemosyne Linnaeus,1758, Syst. Nat. (Edn.10) 1: 465.

Type(s): Finlandia. Range (in code): AF AL Cc AM AT Ba BG B-H BY CH CZ DE DK EE ES FI FR GG GR
HU HV IR IQ IL IT KG KK Kr LB LT LV MK NO PL RO RU SE Si SK Sm So Sr SS TJ TM TR UA Uk UZ VI
YU Mt Ko Mkl Trb Dur Sof Rg Rtc Slv Zag Skp Beo SY Aa Ax Dj DsA Ik Ikc Ket T-S KuA Sem T-A Tk Tu
TrA TI CN Ui Brk Fa Ab Ak Gh Gor Ara Lo Elb Mz Eri Alg AZ Nv Dz Teb Kc Ist Kh 01 03 05 06 07 08 12
13 14 16 18 24 25 26 27 29 30 31 32 33 35 36 37 39 42 46 48 49 51 52 53 58 60 61 62 65 66 67 69 73 74 76 78
80 01K 05A 06A 07A 07Ac 07D 07Db 12A 12Ab 13E 13Ea 13F 13G 13Ga 13Gö 13Gg 13Gv 14I 14Ib 25F 25Fc
30B 30Bb 30Bj 30Bk 30Bl 30Bp 30D 30Da 30Df 30Dh 30Dt 31F 31Fb 31M 46F 46Fc 46Fg 49E 49Ea 56D
56Dg 56F 56Fc 56Fi 62G 65D 65Dc 65Dd 65Di 65Dl 65Dlc 65Dk 65Dn 65Dm 65Dq 65Dü 65Dn 65Dt 65F 65Fb
65Fc 65Fp 65Fe 65Fm 65Fw 65Fz 65G 65K 65Kb 65Kl 65Kö 66A 73A 73Ac 73Ae 73Ag 80B 80Bc

70. Zerynthia (Allancastris) deyrollei (Oberthür,1869) (Papilionidae) Synonym(s):
deyrollei Oberthür,1869; eisneri Bernardi,1970; lycaoniae Eisner & Wagener,1974; #flavomaculata Verity,1905;
#ochracea Verity,1905; #obscurior Verity,1905; #subflava Schultz,1908; #deflexa Schultz,1908; #charis Schultz,1908;
#separata Sheljuzhko,1927. Taxref.: Thais deyrollei Oberthür,1869, Pet. Nouv. Ent. (2):7. Syntypes:

[Turquie]: Alpes-Pontiques [Gümüshane]. Range (in code): He IL Js Pa IQ Mos Bgd Slh Tkr IR Ab
Oru Jal Kd Km JO LB Bsa Baa Aiz Zah Bmd SY Dms TR 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25
26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 56 58 60 62 63 64 65 66 68 70 71 73 80 01H 01K 03A
03D 03N 05A 06A 06B 06D 06G 06H 06K 06P 06R 06Rd 06S 06V 06Z 07A 07Ad 07Ak 13B 13Ba 13F
13F35 13G 13Ga 19C 19D 21N 21Nb 23I 23Ib 23E 23M 25F 25Fa 27B 27C 27Cb 29A 29F 30D 30Dh 30Dt
30Dx 31A 31Aa 31B 31K 31Ka 31L 31La 32A 32C 32D 32E 32I 33E 37Y 38B 38C 38Cb 38L 42B 42D 42D
42Db 42Dc 42E 42I 42R 42X 42Xa 43K 44A 44Aa 44E 44Ej 44L 44Lb 46F 46Fc 46K 47D 47E 47F 47H
49E 49Ea 49Ec 49Ef 49F 49Fd 49Fe 50G 50Ga 51D 51Da 51Dc 56F 56Fa 56Fi 56Fg 56Fh 56Fy 58C 58E
58G 58Ga 58Gi 60H 60Hb 62E 62F 62H 63D 63N 63Na 64F 65D 65Dk 65Di 65Dm 65Dn 65Dr 65Drb
65Dp 65F 65Fe 65Fb 65Fd 65Ff 65Fg 65Fh 65Fi 65Fk 65Fl 65Fq 65Fm 65K 65Ka 65Kd 65Kl 65Kö 65N
65Nc 65Np 65Np2 65Nm 66A 66P 68B 70C 70Cd 73A 73Ab 73Ae 73Ak 73C 73Cd 73D 73Da 73Db 79B 79Ba
80A 80B 80Bc 80C

Pieridae

71. Aporia (s.str.) crataegi (Linnaeus,1758) (Pieridae) Synonym(s): crataegi Linnaeus,1758;
nigronervosus Retzius,1783; minor Verity,1907; basanius Fruhstorfer,1910; crataegiaugusta Verity,1937. Taxref.:
Papilio crataegi Linnaeus,1758, Syst. Nat. (Edn.10) 1: 467. Type(s): [Europe]. Range (in code): Ae
AF AL AM Ao At AT AZ Ba BE BG B-H Bs BY Cb CH CN CY CZ DE DK DZ EE ES FI FR GG Gn GR HU HV
IL IQ IR IT JP Kg KG KK KP Kr Krl LB LT LU LV MA MK MN NL No NO Om Or PL Pm PT Rd RO RU Sb
SE Si Sj SK Sm So Sr SS SY Sz Ti TJ TM To TR Ts Tt UA Ui Uk VI Tm T-S Aq Ax Bog Dg DsA DsA Ka Kt
Ktm KuA Kw Mn Pp Pw Rk Sp Syr Tar TeA Tk TrA Ze Mt Ko Sjn Sof Ril Slv Rtc Rg Vrn Beo JO Ktn Bn Kp
Kh Ab Ak Kz Fa Ke Lo Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp
Grn Gu Hue Hv Jae Lda Leo Cc Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio Seg San Sma Sor Svl Ter Tol Trg Val
Vel Zg Zm Yz TN Kml Bc Mz Kh Blid Btina Tni Tis Sbd Orn Azr Hr Blm 01 02 03 04 05 06 07 08 09 10 11
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49
50 51 53 54 55 56 58 60 61 62 63 65 66 69 70 71 72 73 74 75 76 78 80 81 04D 04Db 05A 06A 06B 06C 06G
06K 06P 06R 06Rd 06V 07A 07Ac 12A 12Ab 13C 13Cd 13E 13Ea 13F 13G 13Ga 13Gb 13Gç 13Gv 13Gü 13Gy
13Gw 21N 21Nb 23E 23I 23Ia 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ae 30B 30Bk 30Bo 30C 30Cd
30D 30Dt 31A 31E 31F 31Fb 31L 36D 36Db 38H 38Hc 44A 44Aa 44E 47F 49E 49Ea 49F 49Fd 56F 56Fc
56Fn 65D 65Dc 65Dd 65Dda 65Do 65Dn 65Dt 65Dn 65Di 65Dl 65Dlc 65Dq 65F 65Fb 65Fd 65Fh 65F2 65Fz 65K
65Kl 66A 72E 72Eb 72Eh 72Ei 73A 73Ac 73Ac1 75F 75Fe 76C 78D 78Da

72. Colias (Eriocolias) crocea (Fourcroy,1785) (Pieridae) Synonym(s): crocea
Fourcroy,1785; pyrenaica Groum-Grshimailo,1893. Taxref.: Papilio croceus Fourcroy,1785, Entomologia
Parisiensis: 250. Type(s): [France]: Paris. Range (in code): AL AM Ao AT AZ Az Ba BE BG B-H BY CH
Co Cr CY CZ DE DK DZ EG ES FI FR GG GR HG HV IQ IR IT Kb Kr LB LT LU LY LV MA MK MT NL NO PL
PT Rd RO RU Sa SE Si SK Sm So Sr SS SY Teb TR TN UA VI YU KG Aq Or Uk VI Bs Cb Kt Rk Cw Dv Smt
H-W Sur Ssx Ken Mt Sof Ril Syr Cy Rg Rtc Bgz Vrn Slv Sjn Trb Mkl Mst Ko JO He IL Ab Ak Fa Act Alc Alv
Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr
Mlg Mu Mu18 Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vel Zg Zm Pa Hf SA TD SD Agh
Cc Arr Ab Khy Oru Jal Ak Shf Msw Qba Sro Mz Dju Tth Ess Tlm Saia Orn Agi Blid Ges Dje BSA Ogl Omy
Tou Bsk Ktr Khb Btina Tun DhM Tgr Phv Ceg Cn Azr 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53
54 55 56 57 58 59 60 61 62 63 65 66 68 69 70 71 72 73 74 75 76 77 78 79 80 81 04D 04Db 05A 06B 06C 06D
06G 06H 06K 06N 06P 06R 06Rb 06Rd 06V 06Z 12A 12Ab 12E 12Eb 13A 13Ab 13Ac 13B 13Ba 13C 13Cd

13D 13Da 13E 13Ea 13G 13Ga 13Gö 13Gğ 13Gk 13Gs 13Gü 13Gv 13Gy 13Gw 13Gz 21N 21Nb 21Nh 23I 23Ib 23E 23M 25F 25Fa 25Fb 25Fc 27C 27Cb 30B 30Bb 30Bk 30Br 30D 30Df 31A 31Aa 31F 31Fb 31K 31Ka 31L 31La 35T 35Tc 36D 36Db 38H 38Hc 39C 44A 44Aa 44Ab 44F 44Fb 44L 44Lc 45L 45La 46F 46Fc 46Fe 47E 47F 48A 48Aa 48Ak 48F 49E 49Ea 56D 56Dc 56Dh 56Dğ 56F 58G 58Ga 58Gd 58Gi 58Gk 58R 58Rb 63D 63E 65C 65D 65Da 65Dc 65Dç 65Dç1 65Dd 65Dda 65Df 65Dk 65Dl 65Dlc 65Dn 65Do 65Dr 65Drb 65Dt 65Dv 65E 65Eb 65Ec 65Eç 65F 65Fb 65Fc 65Fç 65Fd 65Fe 65Fg 65Fh 65Fı 65Fj 65Fm 65Ft 65Fx 65Fy 65Fw 65Fz 65G 65Ga 65Gg 65Gi 65Gl 65Gn 65Go 65Gs 65I 65K 65Kl 65Ka 65Ka 65Kş 65Ku 65Kz 65Kğ 65Kw 65Ky 65Ky1 65M 65Mb 65Mc 65Md 65N 65Nb 65Nc 65Nç 65Nk 65Np 65Np1 65Np5 65Np7 65Nr6 65Nr7 65Nş 65Ns1 65Nj 65Nm

73. **Colias (Neocolias) aurorina Herrich-Schäffer,[1850]** (Pieridae) Synonym(s): aurorina Herrich-Schäffer,[1850] Taxref.: Colias aurorina Herrich-Schäffer,[1850], Syst. Bearb. Schmett. Eur. 1: f.453-456; ibid.6:22. Syntypes: [Türkei]: Kleinasien [?Amasia]. Range (in code): Cc Arr AM AZ GG Smt Akh Tbl IR Ab Ak Kh Th Ke Kp TM TR RU Da Ah 01 03 04 05 06 07 08 12 13 14 19 21 23 24 25 29 30 31 32 33 36 37 38 42 44 46 48 49 50 51 53 56 58 60 61 62 65 66 69 70 75 76 80 05A 06A 06C 06H 06K 06R 06Rb 06Rd 06Z 12A 12Aa 13C 13Cd 13G 13Gv 13Gw 13Gz 23I 23Ia 25F 25Fb 25Fc 30B 30Bb 30Bk 30D 30Dt 44O 44Of 49F 49Fd 56F 58R 65D 65Do 65F 65Fb 65Fe 65Fj 65Fü 65G 66A 70A 70C 70Cd 75F 76C

74. **Colias (s.str.) alfariensis Ribbe,1905** (Pieridae) Synonym(s): alfariensis Ribbe,1905 Taxref.: Colias hyale ab. alfariensis Ribbe,1905, Soc. ent. 20 (18): 137. Lectotype ♂: Spain: Sierra de Alfacar, northern Granada (designated by Reissinger,1971: 156-157) (ZMHB). Range (in code): AL AM AT AZ BE BG B-H BY CH Co CZ DE DK ES FR GB GG GR HU HV IR IT KG KK LT LU MK NL PL RO RU SK SS TM TR UA YU Cw Dv Smt H-W Sur Ssx Ken CN Ui Um MN Ab Ak Gh Th Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Trg Val Vel Zg Zm Aha Gls 01 02 03 04 05 06 07 08 09 11 13 14 15 16 18 19 20 21 24 25 26 29 32 33 34 35 36 37 38 41 42 43 44 46 48 49 50 51 52 53 58 60 61 62 65 66 67 69 70 71 73 74 76 78 80 04D 04Db 05A 06B 06C 06G 06H 06K 06N 06R 06Rb 06Rd 06V 06Z 13G 14I 14Ib 21N 21Nb 25F 25Fa 25Fb 25Fc 38H 38Hc 44E 46F 46Fc 49E 49Ea 49Ef 58G 58Gi 58R 58Rb 65K 65L 66A 73C 73Cd 76C 78D 78Da

75. **Gonepteryx (s.str.) rhamni (Linnaeus,1758)** (Pieridae) Synonym(s): rhamni Linnaeus,1758; gravesi Huggins,1956. Taxref.: Papilio rhamni Linnaeus,1758, Syst. Nat. (Edn.10) 1: 470. Syntypes: Europe, Africa. Range (in code): AL Cc AM Asr AT At AZ Ba BE BG B-H Bl BY CH Cls CN Ui Co CZ DE DK DZ ES FI FR GB Gg GG GR HU HV IE IN IQ IR IT Kb KG KK Kp Kr Ku LB Ld LT LU LV MA MK NL NO NP Nwf PK Ci PL PT RO RU Rw Sa SE Si SK Sm So Sr SS SY Sz Teb TJ TM TN TR UA Uk UZ VI YU Zi Gj Aq AF Ng Jla Lgh T-S Mu Bn Tk Aa Sp Mn At No To Om Ty Kg Cb Kw Pw Ka Sb Tt So Sau Tar Dsa Tra Cw Dv Smt H-W Sur Ssx Ken Mt Ko Sof Ret Slv Bgz Sjn Trb Lb Kts MM Ab Ak Msw Gh Mz Elb Th Arr Kh Gls Koh Swa Sgl Dju Rf Agi Blid Btina Tun Dhm Tgr Hrh 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 24 25 26 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 52 55 56 60 62 65 66 67 69 71 73 75 76 81 05A 06A 06C 06G 06H 06R 06Rb 13F 13F33 13G 13Gs 13Gw 24E 24Ea 25F 25Fa 25Fb 25Fc 30B 30Bb 30Bk 30D 30Df 56D 56Dc 65D 65Da 65Dk 65Dl 65Dlc 65Dn 65Dm 65Do 65Dt 65F 65Fı 65Fd 65Fj 65Fq 65Fz 65K 65Kb 65Kl 65Km 65Ks 65N 65Nc 65Ng 65No 65Np 65Nm 66A 75F 75Fi 76D 76Da

76. **Leptidea duponcheli (Staudinger,1871)** (Pieridae) Synonym(s): duponcheli Staudinger,1871; #dupncheli Nazari,2003 Taxref.: Leucophasia duponcheli Staudinger,1871, Cat. Lepid. Eur. Faunengeb. (2): 5. Syntypes: [France]: Gallia mer., Pedemont; [Turkey]: Bithynia, Pontus. Range (in code): AL BG B-H ES FR GR MK TR Cc LB YU Mt Ko Slv IQ IR Ab Ak Elb Th Fa 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45 46 48 49 50 51 53 56 58 59 60 62 64 65 66 67 69 70 71 73 74 76 78 05A 06B 06C 06G 06K 06N 06P 06R 06Rd 06V 06Z 13B 13Ba 13D 13Da 13G 13Gw 13Gs 18F 23D 23Dc 25F 25Fa 30B 30Bb 30Bk 30D 30Dt 46F 49E 49Ea 56F 58G 58Gi 58Gj 58R 58Rb 65D 65Dc 65Dç 65Df 65Dh 65Dk 65Dl 65Dn 65Dr 65E 65Eb 65Eç 65F 65Fc 65Fç 65Fı 65Fd 65Fe 65Fg 65Fh 65Fq 65Fy 65Fz 65G 65K 65Ka 65Kb 65Kc 65Kğ 65Kl 65N 65Np 65Np1 65Np2 65Nr7 65Nm 66A 76C 76D 76Da 78D 78Da

77. **Leptidea sinapis (Linnaeus,1758)** (Pieridae) Synonym(s): sinapis Linnaeus,1758; candidus Retzius,1783; erysimi Borkhausen,1788; lathyri Hübner,[1819]; loti Rennie,1832; umbratica Trimoulet,1858; sartha Rühl,1893; stabiatarum Stauder,1914; nigrescens Verity,1919; patunae Stauder,1922; lathyricana Verity,1952. Taxref.: Papilio sinapis Linnaeus,1758, Syst. Nat. (Edn.10) 1: 468. Type(s): [Europe]. Range (in code): Aa AL At AT Aty Ba BE BG B-H Bs BY Cb CH CN Co Cr CZ DE Dj DK EE ES FI FR GB GR HU HV IE IT Kb Kg KG Kr Ku Kw LT LU LV MK Mn NL No NO Om Or PL Pp Pt Pw RO RU Sa Sb SE Sem Si SK Sm So Sp Sr SS Teb Tk To TR T-S Tt Ty UA Uk Vi YU Cw Dv Smt H-W Sur Ssx SY Mt Ko Vrn Bgz Slv Sjn Trb Mst LB Kts Dsa Tra Ket Sau Tar Bn Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vel Zg Zm MA Rif Cz Ab 01 03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 45 46 48 49 50 52 53 54 55 58 60 61 62 65 66 67 69 70 74 76 77 78 79 75 76 80 81 05A 06G 06R 06Rd 13G 13Gö 13Gğ 13Gw 14I 14Ib 25F 25Fa 27C 30B 30Bk 30D 30Dt 31A 31Aa 31B 31E 31F 31K 31Ka 31L 31La 31M 39C 46G 46Gf 65D 65Dl 65Dlc 65Do 65Dp 65F 65Fg 65Fh 65Fj 65Fq 66A 78D 78Da 80B 80Bc

- 78. *Pieris (Artogeia) ergane* (Geyer,[1828])** (Pieridae) Synonym(s): *ergane* Geyer,[1828]; *narcaea* Freyer,[1828]. Taxref.: *Papilio ergane* Geyer,[1828], [in] Hübner, Samml. eur. Schmett. 1: Taf. 184 figs. 904-907. Syntypes: [Croatia]: Ragusa (Dubrovnik) (cf. Hemming, 1937, I:220). Range (in code): AL Cc Arr AM AT AZ BG B-H Cr ES FR GG GR HU HV IQ Hjo IR Ab Sro Msw Ak Elb Th Kdj IT LB MK RO SS TR YU Mt Ko Mst Trb Ple Cue Hue Lda Gna 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76 04D 04Db 05A 06M 06R 06Rd 06Z 07D 07Db 13A 13Ab 13F 13F35 13G 13Gç 13Gö 13Gg 13Gv 13Gw 23D 23Dc 23I 25F 25Fa 25Fb 25Fc 30B 30Bk 30Bb 30Br 30D 30Dt 31B 31K 31Ka 44F 44Fb 46F 46G 46Gf 49E 49Ea 49F 56F 58G 58Gj 58Gi 58Gk 63D 65D 65Da 65Dc 65Dç 65Dd 65Dda 65Df 65Dh 65Dk 65Dl 65Dlc 65Do 65Dp 65E 65Eb 65Ec 65F 65Fç 65Fd 65Fe 65Fg 65Fh 65Fj 65Fi 65Fm 65Fq 65Fr 65Fs 65Ft 65Fu 65F3 65Fw 65Fz 65G 65Gf 65Gh 65Gi 65Gl 65Go 65Gp 65K 65Kb 65Kg 65Kc 65Kl 65Km 65Kq 65Kö 65Kü 65Kw 65N 65Np 65Nm 66A 73A 73Ad 73Ad2 76C 76D 76Da 76Dg
- 79. *Pieris (Artogeia) mannii* (Mayer,1851)** (Pieridae) Synonym(s): *mannii* Mayer,1851; *manni* Verity,1908; *alpigena* Verity,1911; *roberti* Eitschberger & Steiniger,1973. Taxref.: *Pon[tia] mannii* Mayer,1851, Stettin ent. Ztg. 12:151. Type: [Croatia]: Spaloto. Range (in code): AL AT BG B-H CH CZ ES Mlg Grn Alm Mu Mdr Hue Gna Bar Ter FR GR HU HV IT Kr MA Tgz MK RU Co Sa Si SK SS TR Cc UA YU Mt Ko Sjn Mst IR Ak Shf Mz Gl 01 02 03 06 07 08 10 11 13 14 17 18 21 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 45 46 47 48 49 50 51 53 56 61 62 65 67 69 73 74 75 76 78 80 13A 13Ab 13C 13Cd 21N 21Nb 25F 25Fa 25Fb 30D 30Dt 46F 46Ff 46G 46Gf 49E 49Ea 56F 65D 65M 65Md 65N 65Nj 65Ns1 65Nm 73D 73Df 76D 76Da
- 80. *Pieris (Artogeia) pseudorapae* Verity,1908** (Pieridae) Synonym(s): *pseudorapae* Verity,1908 Taxref.: *Pieris napi* var. *pseudorapae* Verity,[1908], *Rhopalocera palaeartica*: 144, pl. 32, 33, figs. Lectotype: [Lebanon]: Beyrouth (Bowden & Riley,1967). Range (in code): Cc Arr AM AZ BG B-H Da GG GR HV IQ IR Elb Mz Th JO LB Le MD MK RO RU SY TR UA YU 01 03 04 05 06 07 08 10 11 12 13 14 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 63 65 66 67 68 71 73 74 75 76 77 78 80 81 05A 06A 06B 06K 06R 06Rd 06S 06V 06Z 13B 13Ba 13F 13F33 13F35 13G 13Gs 13Gü 13Gv 13Gy 13Gw 21N 21Nb 21Nh 23I 23Ib 23M 25F 25Fc 27C 27Cb 30B 30Bk 30Bb 30D 30Df 30Dt 30Du 31A 31Aa 31B 31L 39C 44F 44Fb 44O 44Oc 46F 46G 46Gf 49E 49Ea 56F 58G 58Ga 58Gi 58Gj 65D 65Dç 65Dk 65Do 65F 65Fb 65Fç 65Fh 65Fz 65G 65Gn 65K 65Kg 65N 65Np 65Nm 66A 73D 73Da 73Db 73Df 75F 76A 76Ab 76C 78D 76Da
- 81. *Pieris (Artogeia) rapae* (Linnaeus,1758)** (Pieridae) Synonym(s): *rapae* Linnaeus,1758; *nelo* Bergsträßer,1780; *metra* Stephens,1827; *alpica* Rossi,1929. Taxref.: *Papilio rapae* Linnaeus,1758, Syst. Nat. (Edn.10): 468. Lectotype ♂: [Sweden] (Verity,1947)] (LSL). Range (in code): Ae AF AL AT Az BE BG BH B-H BY Ch CH Ci CN Cn Co Cr CY CZ DE DK DZ EE ES FI FR GB Gg GR Hk HU HV IE IN IQ IR IS IT JO JP KG KK Kp KW Ld LT LU LV MA Mc Md MK MN MT Nf Nj NL NO OM PK PL PT QA Rd RO SA Sa SE Si SK SS SY TJ TM TN TR UA UZ YU Aa Am Ao At Aty Ax Ba Bs Cb Ikc Ir Ka Kg KP Kr KuA Kw Ky Mn No Om Pe Pr Pt Pw RU Sb Sj Sm So Sp Sr St TeA Tk Tm TrA Tt Us Vl Cw Dv Smt H-W Sur Ssx Ken Mt Ko Ril Sjn Mst Mkl T-S Um Bl Ci Bn DsA Sju Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Lug Ple San US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mss Mon Mrl Msc Mss NCA NDK NMx Ne Neb Nh Nje Ny Oh Ok Org Pns Rdi SCA SDK Tnn Tx Ut Vi Vr WVi We Ws Wy AU Hw Agh Pa Hf TW Kml JP RU Am Us Sh TW VN D-I Ldo GG AZ Kir AM Cc Arr Ab Jal Mz Gl Kh Koh Nra Bhb Rbt Tbl Sok Ess Tlm Saia Orn Agi Blid Ges Ogl Btina Cst Tun Tgr Tou Bea Gle Azr Ng Hr BLM Kab AU QAU NSw Syd SAU Cai 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 75 76 77 78 79 80 05A 06A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 07A 07Ad 07B 07Bb 07M 07Mb 13F 13F35 13G 13Gç 13Gs 13Gü 13Gy 13Gw 21N 21Nb 21Nh 23C 23Cc 23D 23Dc 23I 23M 23G 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Aa 30B 30Bb 30Bk 30D 30Dt 31A 31Aa 31F 31K 31Ka 31L 31La 31O 36D 36Db 39C 42D 42Dc 44F 44Fb 44L 44Lc 44O 44Oi 45L 45La 46F 48A 48Aa 48Ak 48Ab 48D 48F 49E 49Ea 56F 58G 58Gk 58Gj 58Gi 63D 63E 65D 65Dk 65Do 65G 65Gt 65H 65He 65E 65Eb 65F 65Fd 65Fh 65Fg 65Fn 65Fr 65K 65Kb 65N 65Nc 65Kl 65Ku 65M 65Md 66A 73A 73Ad 73Ak 73D 73Da 73Df 75F 75Fi 76B 76Bb 76Bf 76Bh 76C 76D 76Da 76E 76Ea 78D 78Da
- 82. *Pieris (s.str.) brassicae* (Linnaeus,1758)** (Pieridae) Synonym(s): *brassicae* Linnaeus,1758; *chariclea* Stephens,1827; *#venata* Verity,1908; *cyniphia* Turati,1924. Taxref.: *Papilio brassicae* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 468. Type(s): [Europe]. Range (in code): Adr AF AL At AT Az Bd BE BG B-H Bs BY Cb CH CN Co Cr CY CZ DE DK EE ER ES FI FR GB GR Hk HU HV IE Ii IL IQ IR IS IT JO Ka Kab Kbb Kg Kk KK Kp Kr Kw Ky LB LT LU LV MK MT NL No NO NP Om Pag PK Ci PL Pt Pw Rd RO RU Sa Sb SE Si SK So SS Tm TM TR Tt UA UZ Aa Ax Ikc Kt Ma No Np TrA Cw Dv Smt H-W Sur Ssx Ken Ko MA DZ TN Sjn Trb Sof Rg Rtc Slv Mt LY Cy SY Kts T-S Um Bn DsA Elb Th Sju Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Lug Ple San Mu18 IN Ass Slo Dk TH Pa Hf Ab Ak Shf Mz Gl Kh Koh Swa Gg Bt Nwf Pes Mdy Rbt Azr Ess Orn Agi Blid Bsk Ktr Tlm Cst Btina Tun Tgr Mzg Hrh Ng Hr Prw 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 48 49 50 51 52 53 54 55 56 58 60 61 63 65 66 70 71 73 74 75 76 77 78 80 81 04D 04Db 05A 06B 06C 06K 06R 06Rd 06V 07A 07Ab 07Ag 07B 09K 09Ka 13A 13Ab 13B 13Ba 13G 13Gi 13Gö 13Gg 13Gk 13Go 13Gs 13Gç 13Gw 14I 14Ib 21N 21Nb 23G 23E 25F 25Fa 30B 30Bk 30D 30Dt 30Dx 31A 31B

31C 31E 31F 31Fb 31K 31Ka 31L 31La 36D 36Db 39C 44A 44Aa 44E 44F 44Fb 45L 45La 46F 46Fc 48A 48Aa 48Ag 48Ak 48Al 48D 48F 48L 49E 49Ea 56F 56Fa 58G 58Gi 65D 65Dc 65Dk 65Dl 65Dlc 65Do 65Dw 65F 65Fb 65Fd 65Fc 65Fj 65F3 65Fg 65Fq 65G 65Gt 65K 65Kö 65Kq 65Km 66A 73D 73Db 76A 76Ac 76B 76Bf 76Bh 76C 76D 76Dg 78Da

83. Pontia edusa (Fabricius,1777) (Pieridae) Synonym(s): edusa Fabricius,1777; belidice Ochsenheimer,1808; persica Bienert,1869; #nitida Verity,[1908]. Taxref.: Papilio edusa Fabricius,1777, Genera Insectorum: 255. Type(s): [Deutschland]: Chilonii. Range (in code): Aa Ae Aq Bn At Kts Aty Ax BG Bs Cb CN CY DE Dg Dj GG Gj GR IQ IR IT Kg KG KK Kp Kt KuA Ky Mg MK Mn No Nrk Om Or Pp Rd Rk RU Sb Sem Sm Sp SS TeA TJ Tk Syr Tm TM TR TrA Ty Ui Uk UZ YU Ze SY Um Ku DsA T-S Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Adu Sju Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Ab Jal Sro Msw Ak Agh Cc 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 73 74 75 76 77 78 79 80 81 04D 04Db 05A 06B 06D 06H 06K 06N 06P 06R 06Rd 06V 06Z 12A 13Ac 13C 13Cd 13F 13F33 13G 13Gö 13Gg 13Gv 13Gw 18F 21N 21Nb 23C 23Cc 23D 23Dc 23I 23G 25F 25Fa 25Fb 25Fc 27C 27Cb 30B 30Bk 30Bb 30Br 30D 30Dt 30Du 31A 31Aa 31B 31F 39C 44E 44F 44Fb 44I 44L 44Lb 46D 46Da 46F 46G 46Gg 47F 48A 48Aa 48Ak 48Ah 48F 49E 49Ea 49F 56F 58G 58Ga 58Gd 58Gj 58Gi 58R 58Rb 63D 63E 65D 65Dc 65Dd 65Dda 65Df 65Dl 65Dlc 65Do 65Dp 65Dq 65Dr 65Drb 65E 65Eb 65Ec 65Eç 65F 65Fb 65Fc 65Fe 65Fh 65Fg 65Fn 65Fp 65Fr 65Ft 65Fu 65Fy 65Fw 65Fz 65F3 65G 65Gf 65Gm 65Gn 65Go 65Gp 65Gs 65K 65Ka 65Kb 65Kg 65Kç 65Kl 65Ks 65Kp 65Ku 65Kw 65M 65Mb 65Mc 65Md 65N 65Nk 65No 65Np 65Np1 65Nş 65Nm 66A 73A 73Ad 73D 73Df 75F 75Fc 76A 76Ac 76B 76Ba 76Bb 76C 76D 76Db 76Dg 78Da 80B 80Bc

Satyridae

84. Chazara (s.str.) bischoffi (Herrich-Schäffer,[1846]) (Satyridae) Synonym(s): bischoffi Herrich-Schäffer,[1846] Taxref.: Satyrus bischoffi Herrich-Schäffer,[1846], Syst. Bearb. Schmett. Eur. 1: figs.276-279. Syntypes: [Türkei]: Südseite d. Ararat (M. Wagner). Range (in code): IR Ab Ak Msw Cc TR Arr 01 04 06 07 08 13 21 23 24 25 29 30 36 38 40 42 44 46 49 50 51 53 58 60 62 65 66 68 69 76 06B 06K 06Y 13G 13Gv 13Gw 29A 29Ae 44O 44Od 46F 49F 49Fd 65D 65Dç 65Dg 65Dga 65F 65Fb 65Fc 65Fd 65Fe 65Fp 65Fz 65G 65Ga 65Ge 65Gd 65Gm 65Gn 65Gq 65K 65Kr 65Kz 65Kg 65N 65Np5 65Nr4 65Nm 66A 76C 76D 76Da

85. Chazara (s.str.) briseis (Linnaeus,1764) (Satyridae) Synonym(s): briseis Linnaeus,1764; daedale Bergsträßer,1780; bataia Fruhstorfer,1909; interjecta Verity,1916; variabilis Varin,1958; pictonica Varin,1958. Taxref.: Papilio briseis Linnaeus,1764, Museum Ludovicae Ulricae: 276. Type(s): Germania. Range (in code): AF AL AM Ao At Bn Kts AT Aty AZ Ba BE BG B-H BY CH CN CY CZ DE DZ ES FR GG GR HU HV IQ IR IT Ju KG KK LU MA MK MN PL RO RU SE Si SK Sm So Sr SS TJ TM TN TR T-S UA Ui Uk UZ VI YU TM VI Ao Sr Uk Aq Or Sm Tt Cb Kt Kw Ty Om Pw Ka Rk Tar Sau Ssn Mn Buc At Bn Mu Trt Kts Ur Aa Ku Sem Tk Ui TeA KuA DsA Bc Ab Sro Qba Msw Ak Kd Mz Elb Kp Sju Cc Bc Btina Hr 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 78 80 01A 01H 01K 04D 04Db 05A 06B 06C 06D 06G 06H 06K 06N 06R 06Rd 06V 06N 06Z 12A 12Ab 12E 12Eb 13A 13Ab 13G 13Gv 13Gü 13Gw 21N 21Nb 27D 27E 30B 30Br 31A 44F 44Fb 44L 44Lc 44O 44Od 44Oi 46D 46F 46Ff 46G 46Gf 49E 49Ea 49F 49Fe 56F 58G 58Gg 58Gj 58Gk 58R 58Rb 65D 65Dç 65E 65Eb 65F 65Fc 65Fd 65Fe 65Fg 65Fi 65Fj 65Fç 65Ft 65Fx 65Fz 65K 65Kb 65G 65Ga 65Gm 65Gn 65Go 65Gp 65Gq 65Gs 65K 65Kc 65Kl 65Kr 65Kş 65Ku 65Kü 65N 65Nb 65Np2 65Np3 65Np4 65Np5 65Nr2 65Nr3 65Nr4 65Nr6 65Nm 66A 70C 70Cb 73A 73Ad 73Ad2 76C 76D 76Da 76Dg 78Da 80B 80Bc 80Bd

86. Coenonympha (s.str.) pamphilus (Linnaeus,1758) (Satyridae) Synonym(s): pamphilus Linnaeus,1758; menalcas Poda,1761; nephele Hufnagel,1766; marginata Heyne,1894; orantia Fruhstorfer,1908; scota Verity,1911; infrarasa Verity,1926; juldusica Verity,1926; asiaemontium Verity,1926; euxina Verity,1926; posteuxina Verity,1926; londonii Verity,1926; neolyllus De Lattin,1950 Taxref.: Papilio pamphilus Linnaeus,1758, Syst. Nat. (Edn.10) 1: 472. Type(s): Suecia. Range (in code): Aa AL AM Ao Aq AT Aty AZ Ba BE BG B-H Bs BY Cb CH CN Co CZ Db DE Dg DK EE ES Fe FI FR Ga GB GG GR HU HV IQ IR IT Ju KG Kg KK Kr Ku Kw Ky LB LT LU LV MK Mn NL NO Or PL Pp PsA PT Pw Rk RO RU Sa SE Si SK Sm So Sp Sr SS Tk Tm TM TR T-S Tt UA Ui Uk UZ VI YU Mu MA DZ IE MA MT Om TN Ty DsA Tar Sau Tar TrA Mrk Cw Dv Smt H-W Sur Ssx Ken At Bn SY Elb Kp Ab Oru Sro Ak Ha Gls Kh Cc Ouk Rf Lkr Azr Ifr Dju Tth Rbt Tlm Orn Berr Ges Dje BSa Khb Btina Lbs Cst DhM Dze Hrh Ght 01 03 04 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 01G 01H 01K 05A 06A 06B 06C 06D 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 12B 12E 12Eb 13A 13Ab 13B 13Ba 13C 13Cf 13D 13Da 13F 13G 13Ga 13Gö 13Gg 13Gv 13Gw 14I 14Ib 21N 21Nb 21Nh 23D 23Dc 23I 23Ia 23Ib 23E 25F 25Fa 25Fb 25Fc 30A 30Ab 30B 30Bb 30Bk 30D 30Da 30Df 36D 36Db 38H 38Hc 39C 44A 44Aa 44L 44Lb 44O 44Oi 46F 46Fc 46Ff 46G 46Gf 48D 48F 49E 49F 49Fe 56B 56F 58C 58G 58Gd 58Gi 58K 58N 58R 58Rb 62D 62H 62G 62Ga 62F 65D 65Dc 65Dk 65Dl 65Dq 65Dn 65Dm 65Do 65Dr 65Dt 65E 65Eb 65Ec 65Eç 65Ed 65G 65Ga 65Gd 65Ge 65Gz 65F 65Fb 65Fc 65Fd 65Fe 65Fg 65Fh 65Fi 65Fj 65Fq 65Ft 65Fz 65K 65Kg 65Kl 65Ks 65Kş 65Ky 65Ky1 65Kw 65M 65Md 65N 65Ne 65Nl 65Np 65Nr2 65Nr6 65Nş 65Nm 66A 66P 66Pa 72F 76B 76Bf 76Bh 78D 78Da 80B 80Bc

- 87. Esperarge (s.str.) clymene (Fabricius,1787)** (Satyridae) **Synonym(s):** #climene Esper,[1783]; clymene Fabricius,1787; boroeas Latreille,1803; synclimene Hübner,[1819]. **Taxref.:** Papilio clymene Fabricius,1787, Mant. Ins. 2: 44, nr.434. Type(s): Russiae australioris sylvaticis. **Range (in code):** AL Ce AZ BG Elb GG GR IQ IR Ab Qba Jal Ak Elb Th Fa Mz RO RU Sm Sr Th TR VI YU 04 05 06 07 08 12 13 16 19 23 24 25 29 30 36 38 40 42 44 46 49 56 58 60 62 65 66 69 71 73 75 76 04D 04H 04Ha 05A 06D 13D 13Da 13E 13Ea 13G 13Ga 13Gv 13Gw 24E 24Ea 25F 25Fa 25Fc 36D 36F 46F 46Ff 49E 49Ea 49Ec 49Ef 49F 49Fe 56F 65D 65Dc 65Dl 65Dlc 65E 65Eb 65F 65Fb 65Fc 65Fe 65Fg 65Fh 65Fi 65Fl 65Fm 65Fu 65Fü 65Fz 65G 65Gl 65Gp 65K 65Kc 65Kd 65Kg 65Kz 65Kl 65Kö 65Kü 65N 65Np 65Nr2 65Nr3 65Nr6 65Nm 66A 76C 76D 76Dj
- 88. Hyponephele (s.str.) lupina (Costa,[1836])** (Satyridae) **Synonym(s):** lupina Costa,[1836] **Taxref.:** Satyrus lupinus Costa,[1836], Fauna Regno di Napoli.: [69], [311], pl.4 figs.3,4. Syntypes: Italia: Napoli: Otranto, Bosco di Guagnano.. **Range (in code):** At Bn Ae AF AL AM Ao AZ Ba B-H Cr CY CZ DZ ES Mu FR GG GR HU Hr HV IL IQ IR IT JO KG KK LB MA MK MN PK PT Rd Ro Si SK Sm Sr SS TJ TM TR UA UZ VI YU Uk Aq Ky Syr Tm Db Aa Tk Ka Kt Ty Pw Sp Mn Or Bs Sm Kg Sau Mrk Tar DsA IiD T-S SY Tls CN Ui Il Ku Sju Hr Ax Kh Kp Cc Ab Sro Qba Jal Lbs Sbd Abe Dje Ktr Khh Btina Blm Kab Bl Bnu 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 55 56 58 60 62 63 64 65 66 67 69 70 71 72 73 76 78 80 04D 04Db 05A 06B 06C 06D 06H 06K 06R 06Rd 06V 13A 13Ab 13Ac 13Ad 13D 13Da 13G 13Ga 13Gv 13Gw 21N 21Nb 25F 25Fa 27C 27Cb 31M 44F 44Fb 44O 44Oi 45L 45La 46F 46G 46Gi 46K 46Ka 48A 48Ab 48Ad 48Ah 48Ae 56F 58R 58Rb 63D 65D 65Dc 65Do 65E 65Eb 65F 65Ga 65Gd 65Ge 65Gn 65Go 65Gp 65Gs 65F 65Fb 65Fc 65Fe 65Fg 65Fh 65Fj 65Fi 65Fl 65Fr 65Fq 65Fu 65Fü 65Ft 65Fx 65Fz 65K 65Kg 65Kl 65Kö 65Ks 65Kü 65Kw 65N 65Nb 65Np 65Np1 65Nr2 65Nr3 65Nm 66A 72E 72Eb 72Eh 72F 73D 73Df 76D 76Dc 76Dg 80B 80Bc
- 89. Hyponephele (s.str.) lycaon (Rottemburg,1775)** (Satyridae) **Synonym(s):** lycaon Rottemburg,1775; #lycaon Kuhn,1774; eudora Esper,1778; janirula Esper,1800; rufomaculata Korb,2005 **Taxref.:** Papilio lycaon Rottemburg,1775, Naturforscher 6: 17. Type(s): Deutschland: Brandenburg. **Range (in code):** AL Ao AT Ba BG BY CH CN CZ DE EE ES Mu FI FR GR HU Ii IT IQ KG Ku LT LV PL PT RO RU Si SK Sm So Sr TR Cc UA Ui Uk VI YU SY At Bn Kts Kuz Sau Mrk Tar Ter KuA TrA DsA Ket Ax IL He LB T-S IR Ab Khy Ar Sbl 01 02 03 04 07 08 09 11 12 13 14 15 16 20 21 23 24 25 26 27 29 30 32 33 35 36 38 42 43 44 46 47 48 49 50 51 56 60 62 63 65 70 73 75 76 78 04D 04Db 13A 13Ac 13Ad 13G 13Ga 13Gv 13Gw 14I 14Ib 25F 25Fa 27C 46F 46Fj 56F 65D 65Do 65F 65Fe 65Fg 65Fh 65Fj 65Fl 65Fr 65Fq 65Fs 65Fü 65Fu 65Fx 65G 65Gl 65Gm 65Gz 65K 65Kb 65Kl 65Kö 65Kg 65Kü 65N 65Nr2 65Nm
- 90. Kirinia (Melike) roxelana (Cramer,[1777])** (Satyridae) **Synonym(s):** roxelana Cramer,[1777]; #anatolica Koçak,1989 **Taxref.:** Papilio roxelana Cramer,[1777], Utitl. Kapellen 2:101, pl.161, figs. C-F. Syntypes: [Türkei]:Constantinopel [=Istanbul], Smyrna [=Izmir]. **Range (in code):** Ae AL BG Cc Cm CY GR Rd RO RU LB IQ IR Ab Lo TR UA YU SY 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 20 21 22 23 25 26 27 29 30 31 32 33 34 35 38 39 42 43 44 45 46 47 48 49 51 55 56 58 59 60 62 65 66 71 72 73 78 80 01K 05A 06B 06C 06G 06R 06Rd 07B 07Bb 07F 07M 12B 13B 13Ba 13C 13Cf 15A 21N 21Nb 21P 23C 23Cc 23D 23Dc 23M 24E 24Ea 27C 27Cb 31M 39C 42D 42Dc 44A 44Aa 44L 45L 45La 46G 46Gf 47D 47Da 47F 47Fa 48A 48Ab 48Ah 48Ae 48Ai 48Ak 48D 48F 49E 49Ea 56A 56B 56F 56Fc 62F 62G 62Ga 65D 65Do 65Dk 65Do 66A 72F 73C 73Cd 73D 73Df 78D 78Da 80A 80B 80Bc 80C
- 91. Lasiommata megera (Linnaeus,1767)** (Satyridae) **Synonym(s):** megera Linnaeus,1767; caledonia Verity,1911; alticola Verity,1911; pseudoadrasta Stauder,1922; infrapallens Verity,1922; ocellator Verity,1923; pallidedepulverata Verity,1923. **Taxref.:** Papilio megera Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 771, nr.142. **Range (in code):** Ae AL AT BE BG B-H BY CH Co Cr CY CZ DE DK EE ES Mu Mu18 FI FR GB GR HU HV IE IL IQ Dy IR Ab Qba Jal Ak Msw IT Kp Kr LB LT LU LV MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS SY TM TR Cc JO UA VI YU Cw Dv Smt H-W Sur Ssx Ken DZ MA TN Ski Ktr Dja Mkn Masc Ndr Saia Orn Agi Blid Ges Dje Bsk Btina Lbs Khh Cst Ess Mzg Hrh Ahr Azr Rbt 01 02 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27 28 30 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 55 56 57 58 59 60 62 63 65 66 67 70 71 72 73 74 75 76 77 80 01D 01E 01Ea 01G 01H 05A 06B 06G 06K 06N 06P 06R 06Rd 06S 06Z 13G 13Ga 13Gv 13Gk 13Gm 13Go 13Gs 13Gü 13Gw 21N 21Nb 25F 25Fa 25Fb 27C 27Cb 31K 31Ka 39C 44A 44Ab 44L 44Lc 45L 45La 46G 48A 48Aa 48Ad 48Ab 48Ag 48Am 48D 49E 49Ea 56F 63E 65D 65Dd 65Dda 65G 65Gn 65F 65Fe 65Fj 65Fl 65Fq 65Fs 65Ft 65F3 65K 65Kg 65Kö 65N 65Nc 65Np 65Nm 66A 72E 72Eb 72Ed 73A 73Ad 73Ad2 73D 73Db 73Dg 75F 76A 76Ac 76Ad 80E
- 92. Maniola (s.str.) jurtina (Linnaeus,1758)** (Satyridae) **Synonym(s):** jurtina Linnaeus,1758; janira Linnaeus,1758; lemur Schrank,1801. **Taxref.:** Papilio jurtina Linnaeus,1758, Syst. Nat. (Edn.10) 1: 475. Syntypes: Europa, Africa; [Sweden (Verity,1953)]. **Range (in code):** Ae AL AM Ao AT AZ Ba BE BG B-H Bw BY Cc CH Co Cr CZ DE DK EE ES FI FR GB GG GR HU HV IE IQ IR IT Kr LT LU LV MK MT NL NO PL PT RO RU Sa SE Si SK Sm So Sr SS TM TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken PT Cn MA DZ TN ES MT F66 Sr Sm Or Bs Ch Tt So Ao KG Uk Mu Ab Ak Oru Msw Qba Gh Mz Elb Th Lo Kd Ha GlS Rbt Ndr Saia Agi Blid Ges Dje BSa Btina DhM Tun Cst Phv Lbs Hrh Hmk Sbd Tgr Azr AF Hr 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 74 75 76 77 78 80 81 01E 01Ea 01K 05A 06A 06B 06C 06D 06G 06H 06K 06R 06Rd 06Z 13G 13Ga 13Gv 14I 14Ib 23I 23Ia 23E 24E 24Ea 25F 25Fa 25Fb 25Fc 29A 29Ae 39C 44L 46B 46Bb 46F 46G 46Gf 46Gg 46Gi 49E 49Ea 49Ef 58G

58Ga 58Gg 58Gi 58R 58Rb 62F 62G 62Ga 62Gb 65D 65Do 65E 65Eb 65F 65Fç 65Fg 65Fh 65Fj 65Fq 65Fu 65Ft 65Fx 65Fz 65G 65Go 65Gq 65Gs 65F 65F1 65Fç 65Fz 65K 65Kz 65Kğ 65Kl 65Kö 65Kü 65N 65Ne 65Np 65Nm 66A 66P 66Pa 75F 75Fi 78D 78Da 80B 80Bc

93. **Melanargia (Turcargia) syriaca (Oberthür,1894)** (Satyridae) Synonym(s): syriaca Oberthür,1894 Taxref.: Arge galathea var. syriaca Oberthür,1894, Etüd. Ent. 19: 18-19, pl.8 figs.6,8. Syntypes: [Turquie]: Akbes (in BMHN). Range (in code): TR IR Ab Kd 01 12 13 21 23 24 25 30 31 46 49 62 65 73 80 12A 12Aa 12C 12E 12Eb 12Ea 13D 13A 13G 13Ga 13Gv 24L 25D 30B 30Bo 31F 31Fb 31M 46G 46Gf 46Gi 46F 46Ff 46Fi 46L 49E 49Ea 49Ed 49Ef 49F 49Fd 62E 62F 62G 62H 65D 65Do 65Di 65Dk 65F 65Fa 65Fb 65Fc 65Fd 65Fe 65Fg 65Fm 65Fq 65Fs 65Fz 65G 65Gb 65K 65Kö 80A 80Bd

94. **Pseudochazara (Achazara) anthelea (Hübner,[1824])** (Satyridae) Synonym(s): anthelea Hübner,[1824]; atavirensis Coutsis,1973. Taxref.: Papilio anthelea Hübner,[1824], Samml. eur. Schmett. 1: pl.174, figs.861-862. Syntypes: [Kleinasien] (Hesselbarth et al.,1995: 962). Range (in code): Ae AL BG B-H Cr CY GR MK Rd TR Cc IR Kd Mz 01 02 03 05 06 07 08 10 11 12 13 14 15 16 18 19 20 21 23 24 25 26 29 31 32 33 35 36 37 38 40 42 43 44 45 46 48 49 50 51 55 56 58 60 62 63 64 65 66 68 69 70 71 72 80 05A 06B 06C 06D 06H 06K 06N 06R 06Rd 13A 13Ab 14I 14Ib 20P 25F 25Fa 33K 33Kb 40D 40G 44E 44F 44Fb 44O 44Oi 45L 45La 46F 46Ff 46Fg 48Aa 48A 48Ab 48Ae 56F 64A 65D 65Dm 66A 70C 70Cb 71C 72E 72Eb 72Ed 72Eg 72Ek 80B 80Bc

95. **Pseudochazara (s.str.) pelopea (Klug,1832)** (Satyridae) Synonym(s): pelopea Klug,1832 Taxref.: Hipparchia pelopea Klug,1832, [in] Ehrenberg, Symb. Phys. Ins. 3:pl.29, figs.5-8. Syntypes: "Monte Libano Syriae prope Arissam". Range (in code): IL Pa IQ TIH IR Ab Sro Ak Elb Th Ke Fa JO LB SY TM Kp Kh TR Cc 01 02 04 12 13 21 23 25 27 29 30 36 38 44 46 47 49 53 56 58 62 63 65 72 73 76 80 01K 13A 13Ab 13G 13Ga 13Gv 13Gw 23C 23Cc 23I 23Ia 23Ib 23M 30B 30Br 44O 44Oi 46D 46F 46Ff 49A 49Aa 49E 49Ea 49Ef 56F 65D 65Dc 65Do 65E 65Eb 65F 65Fç 65Fc 65Fe 65Fg 65Fh 65Fj 65Fq 65Fx 65Fz 65G 65Ga 65Gd 65Ge 65Gn 65Go 65Gp 65K 65Kb 65Kc 65Kl 65Km 65Kö 65Kş 65Ku 65Kü 65Kz 65Kğ 65Kw 65N 65Np 65Np2 65Np3 65Np4 65Np5 65Np7 65Np8 65Nr2 65Nr3 65Nr6 65Nm 65Ns 72E 72Eg 72Ek 73A 73Ad 73Ad2 73C 76B 76Ba 76C 76D 76Da 80B 80Bc

96. **Satyrus (s.str.(s.str.)) favonius Staudinger,[1892]** (Satyridae) Synonym(s): favonius Staudinger,[1892] Taxref.: Satyrus favonius Staudinger,[1892], Dt. ent. Z., Iris 4: 239, pl.3 fig.1. Syntypes: [Türkei]: Malatia, Hadjin [=Saimbeyli], Eibes [=Akbes]. Range (in code): IR Ab Khy TS Lo Kd Sqq Bne TR Cc IQ 01 04 07 08 12 13 24 25 27 30 31 33 36 42 44 46 49 51 53 58 62 63 65 73 76 01K 07A 07Ak 13G 13Gw 25F 25Fb 30B 30Br 46F 46Ff 46Fj 46L 49F 49Fd 65D 65Dc 65Dç1 65Dp 65G 65Gp 65F 65Fe 65Fj 65Fi 65Fz 65K 65Kl 65N 65Nr4 65Nm 76D 76Da

Moths

Totally, 150 species of 16 families (Arctiidae, Brachodidae, Cossidae, Ctenuchidae, Drepanidae, Geometridae, Lasiocampidae, Lemoniidae, Lymantriidae, Noctuidae, Notodontidae, Pyralidae, Sesiidae, Sphingidae, Tortricidae, Zygaenidae) are known from the province. They are listed below alphabetically.

Arctiidae (5)

97. **Arctia (Epicallia) marchandi De Freina,1983** (Arctiidae) Synonym(s): marchandi De Freina,1983. Taxref.: Arctia villica ssp. marchandi De Freina,1983, Mitt. münch. ent. Ges. 72: 112-114, fig. Holotype ♂: [Türkei]: Hakkari, Zab-Tal 20km östl. Hakkari 1300-1400m, leg. De Freina. Range (in code): TR IR By Mz Th Elb Kdj Es Ab Oru Ak Ar Km Qz Zj 12 30 49 65 73 12E 12Eb 30B 30Bf 30Bd 30Be 30Bg 65D 65Dh 65Dlc 65Ds 65N 65Np2 65Nm 73C 73A 73Ab 73Cd

98. **Chelis reticulata (Christoph,1887)** (Arctiidae) Synonym(s): reticulata Christoph,1887 Taxref.: Arctia maculosa var. reticulata Christoph,1887, Stettin ent. Ztg. 48: 163. Range (in code): TR Cc GG AZ Nv IR Th GlS Gor AM RU Da Kb Teb TM Kp LB IR 04 07 24 25 30 36 42 49 58 60 65 75 04D 04Da 07B 25A 25C 25Ca 25R 36F 42B 42Bb 49E 49Ea 58G 58R 30D 30Da 36F 60C 65G 65Ge 75E 75F

99. **Diaphora mendica (Linnaeus,1761)** (Arctiidae) Synonym(s): #mendica Clerck,1759; mendica Linnaeus,1761; rustica Hübner,[1791] Taxref.: Phalaena mendica Linnaeus,1761, Fauna Suecica (2): 299, nr.1127. Type(s): Suecia. Range (in code): PT ES FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Smt Tbl Bjo Lag Kir AZ Da Der IR Gh SY JO LB Bsa DK NO SE FI EE LV LT RU MD UA BY 05 07 10 12 16 24 31 33 35 36 44 46 49 51 56 60 65 05A 07C 10U 16A 31K 31Ka 31L 31C 33E 36F 49E 49Ea 51D 56F 60C 65D 65Dlc 65Ds 65Dy 65F 65Fg 65Fr

100. **Ocnogyna (Somatotrichia) anatolica Witt,1980** (Arctiidae) Synonym(s): anatolica Witt,1980 Taxref.: Ocnogyna anatolica Witt,1980, Mitt. münch. ent. Ges. 69: 154-156, Abb.52. Holotype ♂: Türkiye: [Tunceli]: Südöstl. Erzincan, Pülümür, 1500m. Range (in code): TR 04 25 49 62 65 04G 25C 25Ca 49E 49Ea 62G 65D 65Dd 65Di 65Dz 65F 65Fp 65Fz

101. Ocnogyna (s.str.) herrichi Staudinger,1879 (Arctiidae) Synonym(s): herrichi Staudinger,1879 Taxref.: Ocnogyna herrichi Staudinger,1879, Horae Soc. ent. ross. 14: 337. Syntypes: [Türkei]: Taurus; [Libanon]: Beirut. Range (in code): **TR LB Bei 01 12 33 44 46 49 62 01K 12E 33K 44I 46K 49E 49Ea 62H**

Brachodidae (1)

102. Brachodes candefactus (Lederer,1858) (Brachodidae) Synonym(s): candefacta Lederer,1858; diacona Lederer,1858 Taxref.: Atychia candefacta Lederer,1858, Wien. ent. Monatschr. 2: 151, Taf.4 fig.9. Type +: Syria: Damask (MNHB). Range (in code): **SY Dms TR IR Elb Mz Zj LB Bsa 01 13 21 24 25 31 33 46 49 58 65 01K 01L 01La 13G 13Go 13Gw 24B 24Bb 25A 25Ab 31M 33H 46L 58R 65G 65Ge**

Cossidae (4)

103. Acossus terebrus (Denis,1785) (Cossidae) Synonym(s): #terebra [Denis & Schiffermüller],1775; terebra Denis,1785. Taxref.: Phalaena terebra Denis,1785, in Fuessly, Neues Mag. Lieb. Ent. 2:377. Range (in code): **PT ES FR IT DE CH AT PL SK HU RO BG TR GG Bjo Smg Kak Cc AM SE FI EE LV LT RU Ur MD UA BY IR Kh CN Mc 12 14 32 36 49 56 36F 49E 49Ea**

104. Cossulus argentatus (Staudinger,1887) (Cossidae) Synonym(s): argentatus Staudinger,1887; araxes De Freina,1982 Taxref.: Cossulus argentatus Staudinger,1887, Stettin ent. Ztg. 48: 91. Type ♂: [Türkei]: "Alexandropol (südwestl. Caucasus Gebiete, Armenien)". Range (in code): **TR Cc AM AZ Nv Ord LB Bsa IR Elb Kdv 04 12 13 25 30 36 42 46 49 51 58 65 69 73 76 04D 04Da 04I 12C 13A 13Ab 25R 25Rb 25T 30B 30Bl 30D 30Da 36F 36Fa 36Fb 49E 49Ea 51B 58G 58Ga 58Gg 65F 65Fl 65G 65Ge 69B 69Ba 73C 73Cd 76C**

105. Cossus cossus (Linnaeus,1758) (Cossidae) Synonym(s): cossus Linnaeus,1758; unguiculatus Fabricius,1794; ligniperda Fabricius,1794 Taxref.: Phalaena cossus Linnaeus,1758, Syst. Nat. (Edn.10) 1: 504. Type(s): [Europa]. Range (in code): **DZ PT ES FR Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU MK AL BG GR TR IQ Hjo Shq DK NO SE FI EE LV LT RU Ur Sb Am Daur MD UA BY Cc GG Tbl Bjo Mng Lag Kir Len Aj Akh Btm Smg Sok Abk AZ LB Bsa IR Elb Th Mz Gl Kh AF KG Uk CN Ui Kl Yu Mc KP KR JP MN 01 05 06 12 13 14 16 17 19 23 25 30 36 42 46 49 53 55 56 58 60 61 62 65 73 76 01K 05A 12A 12Aa 12E 13C 13Cf 13G 13Gü 13Gw 16A 19P 23G 23Ga 30B 30Ba 30Bl 30Be 30D 46G 49E 49Ea 56F 56Fq 56Fs 56F6 58G 60C 62E 65D 65Dl 65Dlc 65G 65Ge 65K 65Kd 65Kg 73C 73Cd 73A 73Aa 76B**

106. Isoceras bipunctatum (Staudinger,1887) (Cossidae) Synonym(s): bipunctatum Staudinger,1887 Range (in code): **TR IL Js Pa LB Cc GG Kak AZ Nv Ord IR Fa Ahz IQ Ry Dia 06 07 13 25 27 29 30 33 38 46 49 56 58 60 63 71 73 06R 06Rb 13C 13Cg 30B 30Be 30Bh 30D 30Da 38C 38Cb 46F 56F 63L**

Ctenuchidae (1)

107. Dysauxes (s.str.) fraterna Ignatyev & Zolotuhin,2006 (Ctenuchidae) Synonym(s): fraterna Ignatyev & Zolotuhin,2006 Range (in code): **Cc AM Eri TR 04 06 13 38 49 50 56 66 13G 56F**

Drepanidae (2)

108. Cilix asiatica A.Bang-Haas,1907 (Drepanidae) Synonym(s): asiatica A.Bang-Haas,1907; depalpata Strand,1913 Taxref.: Cilix glaucata var. asiatica A.Bang-Haas,1907, Dt. ent. Z., Iris 20: 70. Syntypes: [Türkei]: "Klein-Asien: Syrien: Mardin, Amasia". Range (in code): **GG Smt Akh Cc AM AZ Len UA Cm TR IL Hf Pa LB Bsa IR Elb IQ AF Srb Bsg 05 06 07 10 12 17 21 30 31 33 36 42 45 46 47 49 50 56 58 60 65 71 73 05A 06R 06Rb 07A 07C 17M 21N 21Nh 30B 30Bh 31K 31Ka 36D 36Db 49E 49Ea 56F 58N 60G 65D 65Ds 65F 65Fp 65Fz 65N 65Np6 65Nm 73C 73Cd**

109. Watsonalla binaria (Hufnagel,1767) (Drepanidae) Synonym(s): binaria Hufnagel,1767; falcata Fabricius,1775; falcularia Villers,1789; falcatalis Haworth,1802; uncula Hübner,[1802] Range (in code): **DZ Sbd Agi Ges DhM TN ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR Cr TR Cc GG Lag IQ Brs LB Bsa DK SE FI LV LT RU MD UA BY 05 06 08 10 12 14 16 21 30 42 46 49 50 53 56 62 65 71 73 75 05A 06R 06Rb 06Re 12E 12Ec 16A 21N 21Nb 21Nh 30B 30Ba 30Bh 42B 49E 49Ea 56F 56Fo 56Fn 56F6 62E 65D 65Dl 65Dlc 65Ds 73Ac 73Ac2 73A 73Ad 73Ad2 73C 73Cd 75F 75Fd**

Geometridae (3)

- 110. Chiasmia clathrata (Linnaeus, 1758)** (Geometridae) Synonym(s): clathrata Linnaeus, 1758; almacola Wehrli, 1934. Taxref.: Phalaena clathrata Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 524. Type(s): Europa. Range (in code): MA DZ PT ES FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG AZ AM DK NO SE FI EE LV LT RU MD UA BY CN Ui Ju Kun Ii KG Ssn Lps 05 06 10 13 14 16 18 21 22 30 33 34 36 42 46 49 50 56 65 71 75 80 81 05A 06R 06Rb 10K 10Ka 13Gö 13Gğ 16A 18F 21N 21Nb 21Nc 21Nh 30B 30Bb 30Bk 36D 36Db 49E 49Ea 56F 56Fg 65D 65Ds 65Dt 75F 75Fb 80B 80Bc
- 111. Orthostixis calcularia Lederer, 1853** (Geometridae) Synonym(s): calcularia Lederer, 1853. Taxref.: Orthostixis calcularia Lederer, 1853, Verh. zool.- bot. Ver. Wien 3: 260-261. Syntypes: [Aserbaidjan]: Elisabethpol; [Türkei]: Amasia. Range (in code): Cc AZ Kir TR 05 12 13 14 42 46 49 62 65 05A 12A 12Ab 13C 13Cc 46G 46Gf 49E 49Ea 62E 65F 65Fb 65Fc 65Fg 65Fp 65Fz (GP2151♂).⁹



Fig. 1 – *Orthostixis calcularia* (Geometridae). Male genitalia (GP2151), by M. Kemal from Turkey, Muş Prov., Buğlan pass (Cesa)

- 112. Rhodostrophia auctata (Staudinger, 1879)** (Geometridae) Synonym(s): auctata Staudinger, 1879. Taxref.: Pellonia auctata Staudinger, 1879, Horae Soc. ent. ross. 14: 441-443. Syntypes ♂+: [Türkei]: Amasia (Maidan). Range (in code): TR Cc Arr Ksp IQ IR Fa Com Kz 05 06 12 13 24 25 29 38 42 43 44 46 49 50 51 56 57 58 61 62 65 69 71 76 05A 06R 06Rd 12A 12Ab 13A 13Ab 25N 25Na 44E 44Eb 44I 44Ic 46G 46Gi 50F 50Fb 51D 51Db 56F 56Fs 58N 61K 65D 65F 65Fg 65Fi 65Fq 65Fz 65G 65Ge 65K 65Kl 65N 65Np 65Np2 65Np4 65Np8 65Nr2 65Nr4 65Nm

Lasiocampidae (4)

- 113. Lasiocampa trifolii ([Denis & Schiffermüller], 1775)** (Lasiocampidae) Synonym(s): #trifolii [Denis & Schiffermüller], 1775; medicaginis Borkhausen, 1793; ratamae Herrich-Schäffer, 1851; bathseba

⁹ *Orthostixis calcularia* is easily distinguishable from *O. cribraria* by its male genitalia (cf. Hausmann, 1996, *Nota lepid.* 19: 75, figs. 32-35). Both species inhabit in the openings of Quercus woodlands of the mountains of East Turkey.

Staudinger,1891; maculosa Rogenhofer,1891 Taxref.: Bombyx trifolii [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 57. Type(s): [Austria]: Vienna district. Range (in code): **DZ Sbd PT ES FR Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IQ Brs Dia Ry Rwz Mos DK NO SE FI EE LV LT RU MD UA BY GG Tbl Lag AZ Kir AZ Nv Ord Da Der AM Cc LB Bsa IL Pa Hf 01 05 06 10 12 14 19 32 33 35 42 45 46 49 58 59 60 76 01H 05A 06R 06Ra 14B 14Bb 19N 33G 35H 49E 49Ea 58R 60C 76C**

114. Malacosoma neustrium (Linnaeus,1758) (Lasiocampidae) Synonym(s): neustria Linnaeus,1758; annularis Fourcroy,1785; unicolor Cyrrilli,1787; bilineatus Haworth,1803 Taxref.: Phalaena Bombyx neustria Linnaeus,1758, Syst. Nat. (Edn.10) 1: 500. Syntypes: Habitat in Arboribus & Herbis. Range (in code): **DZ PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IR DK NO SE FI EE LV LT RU MD UA BY SY Hal KG GG AZ AM Cc 05 06 08 12 13 14 17 19 22 23 25 30 32 33 35 36 37 42 46 49 53 55 58 60 61 62 65 71 05A 06R 06Rb 06Re 08H 08Hc 13G 13Gy 13F 14B 19C 23I 33G 36D 49E 49Ea 55F 58I 65F 65Fe**

115. Malacosoma primum (Staudinger,1887) (Lasiocampidae) Synonym(s): primum Staudinger,1887; vulpes Hampson,1900 Taxref.: Bombyx alpicola var. prima Staudinger,1887, Stettin ent. Ztg. 48: 97-98. Syntypes: [Uzbekistan, Kirgizistan]: "Margelan, Osch, Issyk-Kul, Alai"; Lectotype ♂: Margelan (ZMHB). Range (in code): **PK Nwf Ci N-G Haz UZ Man KK Ax Ik Osh AF Pjr TR 12 13 30 36 44 45 49 60 65 66 69 72 13G 13Gz 36F 49E 49Ea 60C 65F 65Fe 65G 65Ge 69B 69Ba 72E 72Ei**

116. Phyllodesma (s.str.) tremulifolium (Hübner,[1810]) (Lasiocampidae) Synonym(s): betulifolium Ochsenheimer,1810 nec Esp.,1782; tremulifolium Hübner,[1810]; danieli De Lajonquière,1963; #tremulifolium De Freina,1999 Range (in code): **PT ES FR Si IT BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG Smt Bjo Lag EE RU MD UA BY KK Ik CN Ui Li 01 05 06 07 10 12 13 24 25 30 32 33 36 42 46 49 56 58 60 62 64 65 71 01H 05A 05G 06R 06Re 07B 07C 12A 12Ac 12E 12Ea 12Ed 12A 13C 13Cf 13G 13Gg 13Gü 13Gw 30B 30Bh 30D 30Da 32C 33G 36F 42R 49E 49Ea 56F 56Fs 58G 62E 65D 65Dm 65Ds 65F 65Fe 66P**

Lemoniidae (1)

117. Lemonia peilei Rothschild,1921 (Lemoniidae) Synonym(s): peilei Rothschild,1921 Taxref.: Lemonia peilei Rothschild,1921, J. Bombay nat. Hist. Soc. 28: 174. Range (in code): **TR IQ Mj Dy SY IR Fa AF 12 24 47 49 62 63 47G 49E 49Ea 62G 63M**

Lymantriidae (4)

118. Euproctis chrysorrhoea (Linnaeus,1758) (Lymantriidae) Synonym(s): chrysorrhoea Linnaeus,1758; phaeorrhoeus Haworth,1803; xanthorrhoea Oberthür,1916 nec Koll.,[1844] Taxref.: Phalaena Bombyx chrysorrhoea Linnaeus,1758, Syst. Nat. (Edn.10) 1: 502. Type(s): "Habitat in Pomonae arboribus, Quercu, Alno Range (in code): **DZ Clo Blid Khh TN DhM PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Lag Mng DK SE EE LV LT RU MD UA BY 04 05 06 08 12 13 14 16 19 24 25 36 38 42 46 49 50 55 56 58 60 65 66 71 75 76 04D 04Da 05A 06R 06Ra 06Rb 08H 08Hc 12A 12Ab 12Af 12Aa 12C 12E 12Ec 13G 13Gy 13F 16A 19C 24G 25A 25C 25Ca 25T 25F 36D 36Db 36F 38C 38Cb 49E 49Ea 55F 56F 56Fs 58G 58Ia 58N 60C 65F 65Fe 65Fg 65Fp 65Fz 66P 75F 75Fb 76C**

119. Leucoma salicis (Linnaeus,1758) (Lymantriidae) Synonym(s): salicis Linnaeus,1758; apparens Retzius,1783; salicinus Haworth,1803; xanthocampa Dyar,1905; coreacola Matsumura,1933; sjoequisti Bryk,1942; variabilis Bryk,1949 Taxref.: Phalaena salicis Linnaeus,1758, Syst. Nat. (Edn.10) 1: 502. Range (in code): **PT ES FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Lag DK NO SE FI EE LV LT RU MD UA BY At T-S Sb KK Ik CN Ui Kml Yu Lik MN U-B Am KP KR JP 05 06 07 08 10 12 13 14 16 19 22 24 25 30 36 42 46 49 53 55 56 58 60 61 62 63 65 66 75 05A 06R 06Ra 06Rb 06Re 07C 08H 13G 13Gü 13Gw 16A 19C 25T 25F 30B 30Be 30Bf 30D 30Da 36F 46D 49E 49Ea 53N 53B 55F 56F 56Fa 58G 58I 58N 60C 61L 62E 63B 65D 65Dl 65Dlc 65F 65Fe 65Fg 65N 65Np2 65Nm 66P 75F 75Fb**

120. Lymantria dispar (Linnaeus,1758) (Lymantriidae) Synonym(s): dispar Linnaeus,1758; disparina Müller,1802; japonica Motschulsky,1860; disparoides Mabille,1876; bordigalensis Mabille,1876; asiatica Wnukowsky,1926 Taxref.: Phalaena dispar Linnaeus,1758, Syst. Nat. (Edn.10) 1: 501. Range (in code): **DZ Sbd BtNa TN DhM PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR Cr TR DK SE FI EE LV LT RU Sb At Us To Vv MD UA BY AM AZ Len GG Bjo Smt Mng Lag Cc KK KG IQ Hjo Dk LB IR Mz Elb Sari Ha Ab Oru JP MN CN Lng Pkn Sz Mc KP KR TW CA On BCo US Col Ut Cf Org Krl Gls 06 07 10 11 12 17 19 23 25 30 33 36 46 48 49 50 56 62 65 71 76 06R 06Ra 06Rb 06Rd 07A 07B 07C 10K 10Ka 12A 12Aa 12E 12Eb 12Ec 12Ed 19P 23D 25A 25F 30B 30Ba 30C 30Cd 30D 30Da 30Dx 33F 36D 36Db 48L 49E 49Ea 50G 56F 56F6 62H 62E 65D 65Dl 65Dlc 65Dn 65F 65Fo 65L 65Lb 76C**

121. Parocneria detrita (Esper,[1785]) (Lymantriidae) Synonym(s): detrita Esper,[1785]; orientalis Schwingenschuss,1939; orientis Daniel,1963 Range (in code): **FR IT DE AT PL CZ SK RO YU BG GR**

TR RU MD UA BY 06 10 12 14 25 31 42 46 49 60 06R 06Ra 06Rb 06Re 06Y 10D 12A 12Aa 14B 42B 49E 49Ea 60C

Noctuidae (93)

122. Aedophron phlebophora Lederer, 1858 (Noctuidae) Synonym(s): phlebophora Lederer, 1858; monotonia Amsel, 1935 Taxref.: Aedophron phlebophora Lederer, 1858, Wien. ent. Monatschr. 2: 144, Taf. 2 fig. 9. Type +: Syrien: Damask. Range (in code): TR Cc AZ Nv Ord SY Dms IR Fa Shr Kz Yas Es Zj Elb Th Kdj Ab Oru Kd Snj Bne Lo GlS Kh IQ TIH IL Pa RU St Da 05 06 12 13 18 25 30 33 36 42 45 46 47 49 50 51 56 58 65 66 70 71 73 05A 13G 13Gg 30D 30Da 36D 36Db 42J 42X 42Xa 49F 56F 58N 65F 65Fa 65Fm 65Fp 65Fz 65G 65Ge 65N 65Nr2 65Nm 73C 73Cd

123. Agrochola (Alpichola) janhillmanni Hacker & Moberg, 1989 (Noctuidae) Synonym(s): janhillmanni Hacker & Moberg, 1989 Taxref.: Agrochola janhillmanni Hacker & Moberg, 1989, Nota lepid. 12 (2): 128, figs. Holotype ♂: Türkei: [Şırnak]: Tanin Dağları, Elkek geçidi, 2200m, 7km nnö. Uludere, 15.ix.1985 (leg. coll. Hacker). Range (in code): TR Cc AM 04 08 12 13 25 36 49 62 65 69 73 75 04D 04Da 04I 12E 13C 13Cf 25D 25F 36F 49E 49Ea 49F 62G 65G 65Ge 69B 69Ba 73C 73Cd 75D

124. Agrochola (Alpichola) lactiflora (Draudt, 1934) (Noctuidae) Synonym(s): lactiflora Draudt, 1934; fibigeri Hacker & Moberg, 1989 Taxref.: Amathes lactiflora Draudt, 1934, [in] Seitz, Die Gross-Schmett. Erde 3 (suppl.): 151. Syntypes: [Turkey]: Diarbekir. Range (in code): TR Cc LB Bsa SY MK GR 04 07 08 12 21 25 33 36 44 46 49 56 58 62 65 69 70 75 21F 44F 44Fa 46G 56F 58N 65F 65Fm 65Fp 65Fz 70B

125. Agrochola (Anchoscelis) helvola (Linnaeus, 1758) (Noctuidae) Synonym(s): helvola Linnaeus, 1758; rufina Linnaeus, 1758; #fulvago Clerck, 1759 Taxref.: Phalaena helvola Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 507. Type(s): Finlandia. Range (in code): DZ BtNa PT ES FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR GG Smt Bjo Lag AZ AM Cc DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Da MD UA BY CN Ui Kun LB IL Pa 05 06 08 13 14 17 21 24 25 31 36 38 42 46 49 50 56 05A 06E 06Ea 06R 06Rq 13C 13Cf 14B 14Bb 25A 25D 38H 38Hc 42B 42D 42Dd 49E 49Ea 50G 56A

126. Agrotis (s.str.) trux (Hübner, [1824]) (Noctuidae) Synonym(s): trux Hübner, [1824]; lenticulosa Duponchel, 1826; lunigera Stephens, 1829; terranea Freyer, 1831; obesula Smith, 1888; nili Bethune-Baker, 1894; amasina Staudinger, 1901; euxoides Rothschild, 1920; subalba Corti & Draudt, 1933; adolfi Corti & Draudt, 1933; #rubrofusca Schawerda, 1931; rubrofusca Boursin, 1964; maderensis Pinker, 1971 Taxref.: Noctua trux Hübner, [1824], Samml. eur. Schmett., Noct. 2: Taf. 155, figs. 723-725. Syntypes: [France]: Wallis. Range (in code): ZA Tva Gau Pre MR MA DZ TN Cn PT ES FR Co Sa Si IT MT IE GB CH AT PL RO YU AL BG GR Cr CY TR Cc RU Kr MD UA BY EG IR Gh Ss Hz IQ Agh Bgd LB SY IL Hf Pa JO Ges Afl Sfr Perr Abe Lbs BtNa Sbd Hrh Ges Afl Sfr Perr Abe Lbs BtNa Sbd 05 06 08 18 25 33 38 42 44 46 49 50 51 52 58 63 68 05A 06D 06Da 06R 06Rq 08H 08Hb 18F 25C 25Ca 33E 38G 38Ga 44I 44Ic 49E 49Ea 50G 50Ga 50Gd 52F 58R 63E 68B 68Bb

127. Antitype chi (Linnaeus, 1758) (Noctuidae) Synonym(s): chi Linnaeus, 1758; olivacea Stephens, 1829; marsicana Dannehl, 1929. Taxref.: Phalaena chi Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 514. Lectotype ♂: [Europa], designated by Mikkola & Honey, 1993. Range (in code): PT ES FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR DK NO SE FI EE LV LT RU Ro St Ich Da MD UA BY TR Cc GG Smt Bjo Lag 06 12 25 36 42 46 49 66 70 06R 25F 36F 49E 49Ea

128. Apamea (s.str.) anceps ([Denis & Schiffermüller], 1775) (Noctuidae) Synonym(s): anceps [Denis & Schiffermüller], 1775; sordida Borkhausen, 1792; infesta Ochsenheimer, 1816; renardii Boisduval, 1829; engelhardtii Duurloo, 1889; pyxina A. Bang-Haas, 1910; siegeli Berio, 1985; sassanidica Hacker, 1990; mazeli Lutran, 1993 Taxref.: Noctua anceps [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 81. Type(s): [Austria]: Vienna district. Range (in code): MA DZ PT ES FR Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Lo Es Elb Th Dam Kh DK NO SE FI EE LV LT RU AZ Kir Cc Ro Kyi Sb MD UA BY TM MN CN Ui LB Bsa IL Pa KG Uk 01 04 06 18 20 25 32 33 38 42 46 49 50 51 58 60 65 66 06R 65G 65Ge 65F 65Fa 65N 65Np1 65Nm

129. Apamea (s.str.) polyglypha (Staudinger, 1892) (Noctuidae) Synonym(s): polyglypha Staudinger, 1892 Taxref.: Hadenia monoglypha var.? polyglypha Staudinger, 1892, Dt. ent. Z., Iris 4: 286. Syntypes ♂♂: Palestina: Jerusalem (leg. Paulus). Range (in code): TR Cc IL Js Pa SY JO IR Lo Fa By Yas Es Kz Elb Mz Clu Kdj Th Mia Sse Kd Bne 08 13 24 27 30 46 49 53 56 63 65 73 08H 13C 13Cf 30B 30Bj 30Be 30Bd 49E 49Ea 53N 65F 65Fe 73C 73Cd

130. Apamea (s.str.) syriaca (Osthelder, 1933) (Noctuidae) Synonym(s): syriaca Osthelder, 1933; #albida Osthelder, 1933; tallosi Kovacs & Varga, 1969. Taxref.: Parastichtis monoglypha ssp. syriaca Osthelder, 1933, Mitt. münch. ent. Ges. 23: 70. Syntypes: [Türkei]: Maraş, Durnali. Range (in code): DZ ES FR HU RO CZ MK BG TR Cc GR IR Ab Oru Mak Sdt Elb Th Kd Snj CY IQ Brs Ry Rwz Dia LB Bsa Bei SY IL Pa 01 04 03 05 06 08 11 12 13 16 17 18 24 25 28 30 31 32 33 34 35 36 37 42 45 46 49 50

- 51 58 60 62 65 73 80 04E 05A 08C 13B 13C 13Cf 13G 13Gf 13Gg 16A 30B 30Bh 30Be 30D 30Da 36F 37P 49E 49Ea 53N 60C 65D 65Du 65F 65Fa 65Fg 65Fr 65Fm 65Fp 65Fz 65N 65Nc 73C 73Cd
- 131. *Apautis rupicola* ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *rupicola* [Denis & Schiffermüller],1775; *palliat*a Fabricius,1787; *pallium* Borkhausen,1792; *heliophila* Hübner,[1803] Taxref.: *Noctua rupicola* [Denis & Schiffermüller],1775, *Ankündigung syst. Werkes Schmett. Wienergegend:* 90. Type(s): [Austria]: Vienna district. Range (in code): SK HU RO YU BG GR TR RU Cc Kr UA Cm 05 06 07 49 50 60 70 05A 06E 06Ea 60C
- 132. *Autophila* (s.str.) *asiatica* (Staudinger,1888)** (Noctuidae) Synonym(s): *asiatica* Staudinger,1888 Taxref.: *Spintherops dilucida* var. *asiatica* Staudinger,1888, *Stettin ent. Ztg.* 49: 63. Range (in code): GR AM TR RU Cc Ro St Nt Da IR Gl Kh Fe IQ UZ KK Skm KG CN Ui Ku Au Shs 01 13 25 30 33 35 36 38 49 50 58 65 73 13G 13Gg 30B 30Be 58G 65D 65Dh 65Dv 65F 65Fr 65Fm 65Fp 65Fz 73C 73Cd
- 133. *Autophila* (s.str.) *banghaasi* Boursin,1940** (Noctuidae) Synonym(s): *banghaasi* Boursin,1940 Taxref.: *Autophila bang-haasi* Boursin,1940, *Mitt. münch. ent. Ges.* 30: 517, Taf.11 figs. 69,70. Holotype ♂: [Turkey]: Ak-Chehir: Sultandagh, 1500-1700m (leg. Pfeiffer, coll. Boursin). Range (in code): TR AM Cc Geg GG Tbl IR Elb Dam Fa Com Sse Ke Kh 01 04 05 06 08 09 12 13 15 18 23 24 25 29 30 38 42 46 49 50 58 62 60 65 66 73 75 05A 06C 06Cb 12A 12Aa 13C 13Cf 25T 25F 42B 46L 49E 49Ea 58G 73C 73Cd
- 134. *Basistriga flammata* ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *flammata* [Denis & Schiffermüller],1775; *bimaculata* Milliere,1885. Taxref.: *Noctua flammata* [Denis & Schiffermüller],1775, *Ankündigung syst. Werkes Schmett. Wienergegend:* 80. Type(s): [Austria]: Vienna district. Range (in code): MA PT ES FR Co Si IT GB DE CH AT PL CZ SK HU RO YU BG GR Cr TR GG Akh Smt Cc AZ Hkd IR Fa Yas By Lo Kh Mz Elb Kdj Dam Kz LB Bsa CY IL Pa SY JO Sn EG IQ Mos TIH DK RU At Sb MD UA BY CN Ui Li KG Tk Dj AF Hr Pli Gbh Ch PK Rw Ti SI UZ N-A KK TrA Ro St Nt Kb Ich Ing Kyi Da Tbl Bjo Kir Lag Nv Ord Bak Len Gl Kh DZ Sfr Sbd Ges 01 04 06 07 13 21 24 25 28 30 32 33 36 38 39 43 44 45 46 47 49 50 51 53 58 60 61 63 65 66 70 06Y 06Yb 13A 13Ab 50G 50Gd 53N 58G 60C 63L 65D 65F 65Fe 65Fr 65Fp 65Fz 65K 65Kl 65Kd 65Kg 65N 65Np 65Np6 65Nm
- 135. *Calophasia lunula* (Hufnagel,1766)** (Noctuidae) Synonym(s): *lunula* Hufnagel,1766; *linariae* [Denis & Schiffermüller],1775. Taxref.: *Phalaena lunula* Hufnagel,1766, *Berl. Mag.* 3(3): 394. Type(s): [Germany]: Berlin. Range (in code): ES FR Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG Hsk GR TR GG Smt Bjo Cc DK NO SE FI EE LV LT RU Ro Kr St MD UA BY AF CA IR Lo Elb Th Kdj KK Skm KG Tu Tk 01 04 05 06 08 14 18 24 25 30 33 36 42 49 50 51 56 58 65 05A 06R 06Rb 13G 13Ge 30B 30Bg 36D 36F 56F 56Fh 56Fn 58G 65G 65Ge 65F 65Fa 65H
- 136. *Caradrina* (Boursinidrina) *syriaca* (Staudinger,1892)** (Noctuidae) Synonym(s): *syriaca* Staudinger,1892 Taxref.: *Caradrina vicina* var. ? *syriaca* Staudinger,1892, *Dt. ent. Z., Iris* 4: 294-295. Syntypes 1♂ 5+: [Libanon]: Syrien (Beirut). Range (in code): LB Bsa Bei BG GR Rd TR IL Hf Pa JO Amm SY CY 06 07 44 46 49 63 71 44F 44Fb
- 137. *Caradrina* (Paradrina) *poecila* (Boursin,1939)** (Noctuidae) Synonym(s): *poecila* Boursin,1939 Range (in code): TR Cc IR Lo Fa By Yas Es Com 01 04 08 12 24 25 30 32 38 49 50 58 60 65 69 73 04D 04Da 04I 12E 12Eb 30B 30Be 30Bl 30Bg 30Bh 30D 30Da 49E 49Ea 60C 65F 65Fp 65Fz 65G 65Ge 73C 73Cd
- 138. *Caradrina* (Paradrina) *wulschlegeli* (Püngeler,1903)** (Noctuidae) Synonym(s): *wulschlegeli* Püngeler,1903 Range (in code): ES IT CH MK AL BG GR Cr TR Cc CN Ui IR Gl Kh RU At KG KK 06 07 08 12 13 14 18 24 25 30 35 37 42 43 49 50 51 58 60 62 65 66 80 06R 06Re 08A 13B 13G 13Gf 13Gg 13Gy 13Gü 13Gw 25T 36F 49E 49Ea 58N 60C 65F 65Fr 65Fm 65Fg 65Fp 65Fz 65K 65Kp 65Kl 65L 65Lb
- 139. *Caradrina* (Platyperigea) *terrea* (Freyer,[1840])** (Noctuidae) Synonym(s): *terrea* Freyer,[1840]; *ustirena* Boisduval,1840 Taxref.: *Caradrina terrea* Freyer,[1840], *Neuere Beitr. Schmett.* 4: 26, Taf. 303 figs.3,4. Syntypes: [Russia]: Sarepta. Range (in code): MA FR Sa Si IT CH AT CZ HU RO YU BG GR TR Cc AM Eri RU Sr Ro Kr St Nt Ing SY AF Kab Bd PK Kjb Bbu Hu Ti IR Kh KuB TJ Pm Chr TM Kp KG Tk Dj Li CN Ui Um KK Ik Na Ax UZ 03 04 06 08 12 13 18 23 25 30 36 42 49 50 51 65 66 06R 06Rb 49E 49Ea 65F 65Fe
- 140. *Chersotis* (s.str.) *fimbriola* (Esper,[1798])** (Noctuidae) Synonym(s): *fimbriola* Esper,[1798] Taxref.: *Phalaena fimbriola* Esper,[1798], *Die Schmett.* 4(2/2): 53, Taf.193, fig.3. Type(s): Ungarn: [Budapest]. Range (in code): MA Rf ES FR Si IT CH AT SK HU RO YU AL BG GR Cr TR Cc AM Eri Geg GG AZ Nv Ord RU Ro Kb Nt Ich MD UA Cm BY IR Kh KuB Elb Kdv Dam Fa Bk By Es Ha Zj Mz Th Ab Bne Sqq Mrv Oru Sdt Lo Kd TM IQ 01 03 04 05 06 08 12 13 18 19 23 24 25 29 30 36 38 42 44 46 49 50 51 58 60 65 66 69 70 73 76 04D 04Da 04I 05A 06A 06Aa 06B 06Bb 06C 06Cb 06K 06Kc 06R 06Ra 06Y 06Yb 08H 08Ha 08Hb 13A 13B 13C 13Cf 13G 13Gf 13Gy 13Gü 13Gw 19C 23I 25C 25Ca 25F 29A 29Ab 30B 30Bd 30Be 30Bg 30D 30Dt 36D 36Df 36F 36G 38G 38Ga 42B 42D 42O 44F 44Fa 44L 44Lb 44I 46G 49E 49Ea 50G 50Ga 58N 60C 65F 65Fa 65Fm 65Fp 65Fz 65G 65Ge 65K 65N 65Np1 65Np2 65Nm 66P 70C 70Cb 71C 71Cd 73C 73Cd 73D 73Da 76C

- 141. Chersotis (s.str.) firdussi Schwingenschuss, 1937** (Noctuidae) **Synonym(s):** firdussi Schwingenschuss, 1937 **Range (in code):** AF IR Fa Elb Plr Lo Kh KuB TR 25 49 65 25D 49F 49Fd 65G 65Ge
- 142. Chersotis (s.str.) laeta (Rebel, 1904)** (Noctuidae) **Synonym(s):** laeta Rebel, 1904 **Taxref.:** Agrotis fimbriola var. laeta Rebel, 1904, Annln naturh. Mus. Wien 19:209. **Syntypes:** [Turkey]: Konia; Libanon. **Range (in code):** YU B-H AL GR Cr TR Cc AM Geg RU Ing Da IR Fa Bk Ha Zj Elb Th UA? Cm? LB Bsa IL Pa He 01 03 04 05 06 08 14 18 24 25 28 29 30 32 33 36 42 44 46 49 50 51 58 60 65 66 69 70 71 04D 04Da 04I 05A 06R 06Re 08H 08Hb 12C 25C 25Ca 25F 25M 25T 29A 29Ab 30B 30Bf 30D 30Da 36D 36Df 38G 38Ga 42B 42J 42X 42Xa 42M 46G 50G 50Ga 58G 58N 65F 65Fm 65K 65Kb 65N 65Np2 65Nm 71B 71Ba
- 143. Chersotis (s.str.) rectangula (Fabricius, 1787)** (Noctuidae) **Synonym(s):** rectangula Fabricius, 1787. **Taxref.:** Noctua rectangula Fabricius, 1787, Mant. Ins. 2: 155, nr. 144. **Type(s):** [Wien]. **Range (in code):** FR Si IT CH AT PL CZ SK HU RO YU BG GR TR RU Ro Ich Ing Da MD UA BY Cc AM IR Sb At TM KK Ik DsA 06 07 08 11 12 13 18 24 25 26 36 38 42 43 50 49 60 65 66 73 75 06R 13G 13Gg 13Gf 13Gy 13Gü 13Gw 25M 26G 42B 42D 50G 50Gd 49E 49Ea 65F 65Fr 65Fg 65Fm 65Fp 65Fz 65N 65Np2 65Np6 65Nm 73C 73Cd 75D
- 144. Cleoceris scoriacea (Esper, [1789])** (Noctuidae) **Synonym(s):** scoriacea Esper, [1789]; capreae Hübner, [1803]. **Taxref.:** Phalaena scoriacea Esper, [1789], Die Schmett. 3(3): 22, Taf. 83, figs. 4, 5. **Syntypes:** Germany. **Range (in code):** ES FR IT DE CH AT CZ SK HU RO YU BG Plv GR TR Cc RU Kr Nt Da 01 05 06 12 21 25 33 35 36 39 44 49 66 70 01L 01La 01K 05A 06C 06Cb 06E 06Ea 06R 06Rb 12E 12Eb 21N 21Nb 25D 25E 36F 36Fb 39G 44F 44Fa 44Fb 49E 49Ea 49F 49Fe
- 145. Cleonymia (Serryvania) opposita (Lederer, 1870)** (Noctuidae) **Synonym(s):** opposita Lederer, 1870; #obscurior Osthelder, 1933. **Taxref.:** Cleophana opposita Lederer, 1870, Annls Soc. ent. Belg. 13: 34, 47, pl. 1 fig. 12. **Type** ♂: [Armenia]: Goektschai (Haberhauer leg.). **Range (in code):** YU BG GR TR AM Cc AZ Kir Pa IL IQ SY JO IR Ab Oru Mak Km 01 05 06 18 21 24 25 32 33 36 42 44 46 49 50 51 56 58 60 62 63 65 73 05A 06R 06Rh 06Y 06Yb 18F 21N 21Nb 21Nc 21Nh 33G 36D 36Db 42B 56F 56Fg 65D 65Di 65F 65Fg 65Fm 65Fr 65Fp 65Fz 65L 65Lb 65N 65Np 65Np2 65Nm 73E 73Eb
- 146. Cryphia (Bryoleuca) raptricula ([Denis & Schiffermüller], 1775)** (Noctuidae) **Synonym(s):** raptricula [Denis & Schiffermüller], 1775; divisa Esper, [1791]; divisa Esper, 1791; palliola Borkhausen, 1792; pomula Borkhausen, 1792; deceptricula Hübner, [1803]; carbonis Freyer, 1849; felina Eversmann, 1852; oxybiensis Millière, 1875; #striata Staudinger, 1879; eretina Calberla, 1888; raptriculoides Turati, 1912; bryophiloides Rothschild, 1914; #persica Strand, 1915; cretica Reisser, 1962 **Taxref.:** Noctua raptricula [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 89. **Type(s):** [Austria]: Vienna district. **Range (in code):** MA DZ TN EG PT ES Mu FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AM AZ Cc CY DK NO SE FI EE LT RU LB Bsa IL Pa SY Hal JO EG IR Fa Lo By Yas Ss Es Ke Ha Mz Kz Kdj Elb Dam Mia Km Kd Snj IQ Tkr AF Gbh Pli Srb CN Ui PK KG Tk Dj KK Skm Ik TrA Feg UZ N-A Ro Kr St Kb Nt Ich Da Kir Bak Nv Ord Bne Mrv Kh Ges Agi Sfr Abe Sbd Blid Hrh 01 03 05 06 07 08 12 13 19 24 25 28 30 32 33 36 39 42 46 49 50 51 56 58 62 65 66 70 73 01H 05A 06R 06Rb 13G 13Gü 13Gw 30B 30Bd 42J 42X 42Xa 46G 46Gf 49E 49Ea 65F 65Fr 65Fp 65Fz 65Fm 65Fg 65N 65Np 65Np2 65Nm 73A 73Ad 73Ad2
- 147. Cucullia (s.str.) ronkayi Hacker & Pinker, 1987** (Noctuidae) **Synonym(s):** ronkayi Hacker & Pinker, 1987 **Taxref.:** Cucullia mixta ssp. ronkayi Hacker & Pinker, 1987, Z. ArbGem. öst. Ent. 38 (3/4): 107-109, Abb. **Holotype** ♂: Östtürkei: Prov. Van, Güzeldere Pass, 2900m 30.vi-3-vii.1984 (leg. & coll. Huber). **Range (in code):** TR Cc 04 25 36 49 65 04I 25A 36F 65G 65Ge
- 148. Dasypolia (s.str.) templi (Thunberg, 1792)** (Noctuidae) **Synonym(s):** templi Thunberg, 1792; alpina Rogenhofer, 1866; caflischi Rühl, 1892; banghaasi Turati, 1909. **Taxref.:** Noctua templi Thunberg, 1792, Diss. Ent. Sist. Ins. Suec. 3: 56. **Type(s):** Schweden. **Range (in code):** MA PT ES FR Si IT IE GB NL DE CH AT PL CZ SK RO YU BG GR TR GG Tbl AZ Kir Cc DK NO SE FI EE LV RU Ro Kb MD UA BY CN Ui TJ Pm Chr IR Elb Th Kdv Kld 01 06 04 08 25 42 49 58 65 75 01K 06E 06Ea 06R 25D 25F 42B 42D 65N 65Nc 75F 75Fb
- 149. Desertoplusia bella (Christoph, 1887)** (Noctuidae) **Synonym(s):** bella Christoph, 1887 **Taxref.:** Plusia bella Christoph, 1887, Stettin ent. Ztg. 48: 164. **Syntypes:** [Turkmenistan]: Ashkhabad. **Range (in code):** TM Kp IR Fa Kh KuB Gls Se TR 04 12 25 30 49 50 65 73 04D 04Da 25C 25Ca 30B 30Bh 30Bf 30D 30Da 49F 49Fd 65G 65Ge 73C 73Cd
- 150. Dichagyris (s.str.) forficula (Eversmann, 1851)** (Noctuidae) **Synonym(s):** forficula Eversmann, 1851 **Range (in code):** GR RU TR Cc AM RU Kr St Ich Ing Da LB IQ IR Ab Mak Oru Sdt Ss Fa Ke Es By Yas Km Kz Kd Mrv Snj Sqk Shr Yas Hz B-A Kh Elb Th Mz Kdv Dam Plr Ab Ak AF Hr Pli Gbh 01 03 04 07 08 12 13 18 24 25 29 28 30 33 36 38 42 49 50 51 58 60 65 13B 13G 13Gü 13Gw 50G 50Gc 50Gd 65D 65Di 65F 65Fa 65Fp 65Fz 65K 65Kl
- 151. Dichagyris (Yigoga) forcipula ([Denis & Schiffermüller], 1775)** (Noctuidae) **Synonym(s):** forcipula [Denis & Schiffermüller], 1775; denticulosa Esper, [1794]; bornicensis Fuchs, 1884; helladica Rebel, 1905; samnitica Dannehl, 1933; romanoi Berio, 1980. **Taxref.:** Noctua forcipula [Denis &

- Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: Type(s): [Austria]: Vienna district. Range (in code): MA ES FR Sa? Si IT DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR RU Ro Kr Sr Kb Nt Ich Ing Da MD UA BY LB IR Mz Elb Th Lo Fa Kz Kd Bne By Yas Es IQ AZ Kir AM GG Smt Bjo Cc 01 03 05 06 07 08 11 12 18 23 24 25 29 30 32 33 36 42 43 46 49 50 51 58 60 65 66 69 05A 06R 06Rb 06Ra 25C 25Ca 25F 33E 58N 65F 65Fa 65G 65Ge
- 152. *Dichagyris (Yigoga) lutescens* (Eversmann,1844)** (Noctuidae) Synonym(s): *lutescens* Eversmann,1844; *dilucida* Eversmann,1844; *leonina* Staudinger,1877. Taxref.: *Agrotis lutescens* Eversmann,1844, Bull. Soc. imp. Nat. Moscou 3: 591. Syntypes: Russia: Südrussland: Ural, Orenburg. Range (in code): RU Ur TR 06 23 44 49 58 23G 23Ga 49F 58G
- 153. *Dichagyris (Yigoga) signifera* ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *#signifera* [Denis & Schiffermüller],1775 Taxref.: *Noctua signifera* [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 80. Type(s): [Austria]: Vienna district. Range (in code): TN Gf ES FR IT DE CH AT PL CZ SK HU RO YU BG GR TR IR Fa Es Elb Ab Oru Kz Km Kd Mrv Bne Yas Lo IQ Shq LB LV LT RU Ro Kyi Da MD UA BY AZ Kir AM GG Tbl Akh Smt Cc 01 03 05 06 07 08 12 13 14 24 25 30 32 33 36 42 43 46 49 50 51 58 65 66 73 05A 08H 13C 13Cf 13G 13Gg 13Gü 13Gw 25F 30B 30Bd 30Be 30Bl 30D 30Da 30Dt 36F 42D 49E 49Ea 58N 65D 65Dn 73A 73Ab 73D 73De
- 154. *Drasteria saiani* (Staudinger,1882)** (Noctuidae) Synonym(s): *saiiani* Staudinger,1882; *clara* Staudinger,1895; *#zaisani* John,1910. Taxref.: *Leucanitis saiani* Staudinger,1882, Stettin ent. Ztg. 43:53. Syntypes: [Kasachstan]: Saisan. Range (in code): RU Da KG Tar Ssn Tk Dk TR IR Kh KuB Elb Th Diz Dam Plr KK Ik T-A Feg Skm CN Ui Ii AF Nu Bsg AZ Kir Nv Ord Cc TM Kp UZ N-A 01 04 06 08 12 13 25 30 33 36 42 44 47 49 50 51 56 58 65 66 06B 06Bb 06C 06Cb 06R 06Re 08H 13A 30B 30Bd 30Bg 30D 30Da 33R 36D 36Db 36F 49E 49Ea 56F 58G 65C 65D 65F 65Fp 65Fz 65K 65Kb 65Kl
- 155. *Eicomorpha antiqua* Staudinger,1888** (Noctuidae) Synonym(s): *antiqua* Staudinger,1888. Taxref.: *Eicomorpha antiqua* Staudinger,1888, Stettin ent. Ztg. 49: 24. Syntypes: [Usbekistan]: Namangan, Samarkand, Transalai. Range (in code): TR UZ Smk Nmg KK Fe AF Adr TM TJ KG JO IR Fa 04 25 49 04D 04Da
- 156. *Episema amasina* (Hampson,1906)** (Noctuidae) Synonym(s): *amasina* Hampson,1906 Range (in code): TR Cc UZ N-A 05 06 18 42 25 36 44 47 49 50 58 60 65 69 05A 06Y 06Yb 25C 36F 36Fb 44E 44L 49F 49Fe 58G 69B 69Ba
- 157. *Episema lederi* Christoph,1885** (Noctuidae) Synonym(s): *lederi* Christoph,1885; *sareptana* Alpheraky,1897; *#ledereri* Wiltshire,1937. Range (in code): RO MK BG GR RU Da TR Cc AZ Kir CY TM Kp SY IQ Dy Dia Kq Pa IL IR Gh Elb Th Km Ksh Shr GlS AF 04 05 06 21 23 25 36 38 42 44 46 47 49 50 56 58 60 62 63 65 04D 04Da 05A 06E 06Ea 06R 06Rq 06Y 06Yb 25D 44E 49F 49Fe 58G 63D 65B 65Bb 65G 65Gb 65Ge 65N 65Np1 65Nm
- 158. *Episema tersa* ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *tersa* [Denis & Schiffermüller],1775; *trimacula* [Denis & Schiffermüller],1775; *swiderskii* Kostrowicki,1956. Taxref.: *Noctua tersa* [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 312. Type(s): [Austria]: Vienna district. Range (in code): DZ Ges BtNa Sét Perr Afl Abe Sa? IT AT PL CZ SK HU RO YU BG GR TR IL Pa Js CY UA RU Cc Kr KG KK Ik T-S IR? 06 13 14 18 42 46 49 50 51 56 58 62 65 06C 06Cb 06E 06Ea 13C 13Cf 49F 49Fe 56A 62G 65F 65Fa
- 159. *Euchalcia augusta* (Staudinger,1892)** (Noctuidae) Synonym(s): *augusta* Staudinger,1892 Taxref.: *Plusia augusta* Staudinger,1892, Dt. ent. Z., Iris 4: 309-310, Taf. iv fig.5. Lectotype ♂: [Türkei]: Aintab [=Gaziantep] (designated by Dufay,1968) (ZMB). Range (in code): TR CY SY Hal 13 23 27 44 49 63 13C 13D 13Da 23I 27B 63E
- 160. *Euchalcia dorsiflava* (Standfuss,1892)** (Noctuidae) Synonym(s): *dorsiflava* Standfuss,1892 *Plusia emichi* var. *dorsiflava* Standfuss,1892, [in] Romanoff, Mém. lép. 6: 666-667, Pl.xv fig.6. Type(s): [Türkei]: Mardin (P.Sintenis). Range (in code): TR 13 21 30 31 38 47 49 56 58 65 73 13G 13Gg 13Gü 13Gw 30B 30Be 30Bj 30Bl 30D 30Da 47D 47F 4Fa 56F 56F5 58G 65D 65Dh 65F 65Fa 65Fe 65Fm 65Fg 65Fr 73D 73Df 73Dfc
- 161. *Euchalcia emichi* (Rogenhofer,1873)** (Noctuidae) Synonym(s): *emichi* Rogenhofer,1873 Taxref.: *Plusia emichi* Rogenhofer,1873, Verh. zool.-bot. Ges. Wien 23: 569-570. Syntypes ♂+: [Türkei]: "am Gjaur Dagħ 8Amanus, 4000'). Range (in code): TR LB Bsa SY Cc AM IR Elb Ab Oru Mak Tbz Mey Ak Ar IL Pa 01 08 13 18 19 21 25 30 31 36 38 42 46 49 50 51 58 62 65 66 13A 13G 13Gf 13Gy 19C 21N 21Nh 30D 30Da 49F 51B 51Ba 58G 65F 65Fe 65Fp 65Fz 65Fr 65K 65Kl 65L 65Lb 65N 65Np6 65Nr2 65Nm
- 162. *Euchalcia viridis* (Staudinger,1901)** (Noctuidae) Synonym(s): *viridis* Staudinger,1901 Range (in code): TR IQ IR Elb Th Zj Kd Bjr AF Cc AZ Nv KK KG 01 04 06 12 13 24 25 30 36 42 49 58 65 69 70 75 01K 04D 04Da 25T 30B 30Bd 30Be 30Bj 30Bg 30D 30Da 36F 65G 65Ge
- 163. *Eugnorisma (Metagnorisma) enargiaris* (Draudt,1936)** (Noctuidae) Synonym(s): *enargiaris* Draudt,1936 Taxref.: *Xestia enargiaris* Draudt,1936, Ent. Rdsch. 53: 469-470, Taf.iv e4.

Syntypes 3♂: [Türkei]: Marasch. Range (in code): **TR IR Kd By Fa 01 04 12 44 46 49 58 01K 04I 44E 49E 49Ea 58G**

164. Eugnorisma (Metagnorisma) pontica (Staudinger,1892) (Noctuidae) Synonym(s): pontica Staudinger,1892 Taxref.: Agrotis depuncta var. pontica Staudinger,1892, Dt. ent. Z., Iris 4: 267-268. Syntypes: [Türkei]: Amasia. Range (in code): **RO MK BG GR TR TM Kp IR Ak Fa Km Kz By Kd Ksh Elb Th Kh KuB GlS Cc AM LB IL Pa He IQ Rwz Ry 05 06 08 12 13 14 18 23 25 30 33 42 49 50 62 65 66 05A 06E 06Ea 06R 06Rq 13G 13Gü 13Gw 14I 23I 25F 42B 42D 49E 49Ea 50G 50Ga 65F 65Fm 65Fj 65F2 65Fp 65Fz 65L 65Lb**

165. Eugnorisma (s.str.) chaldaica (Boisduval,1840) (Noctuidae) Synonym(s): chaldaica Boisduval,1840; caerulea Wagner,1932 nec Gn.,1852; buraki Koçak,1983 Taxref.: Orthosia chaldaica Boisduval,1840, Genera Index Meth.: 140, Lectotype ♂: [Russia]: Sarepta, designated by Varga & Ronkay,1994, Acta zool. hung. 40: 89-91, (coll. Corti) (NHMB). Range (in code): **RU Da Kap TR Cc IQ Brs IR Elb Th Kdj Ma AM AF TM UZ KK Ik KG Ssn Sr Ur At Tar Sp 01 04 06 12 13 14 25 30 36 42 49 50 51 58 60 65 70 01L 01La 04D 04Da 06E 06Ea 06R 06Rq 13G 13Ga 14I 25D 30B 30Bj 49E 49Ea 50Gd 58G 58N 65F 65Fa 65F 65F1 65Fm 65Fp 65Fz 70C 70Cb**

166. Eugnorisma (s.str.) kurdistanica Hacker, Kuhna & Gross,1986 (Noctuidae) Synonym(s): #kurdistanica Hacker & Weigert,1986; kurdistanica Hacker, Kuhna & Gross,1986 Taxref.: Eugnorisma kurdistanica Hacker, Kuhna & Gross,1986, Mitt. münch. ent. Ges. 76: 89-90, Taf.2, figs. 9-10; Taf.6 figs.43-45. Holotype ♂: [Türkei]: Prov. Bingöl, Buğlan Geçidi, 1650-1800m (leg. Kuhna, coll. Hacker). Range (in code): **TR IR Elb Kz Fa Th Dam Km 12 13 30 49 56 12E 12Eb 13C 13Cf 13D 13Da 30B 30Bj 49Ea 56A**

167. Euxoa (s.str.) hastifera (Donzel,1847) (Noctuidae) Synonym(s): hastifera Donzel,1837; proleuca Hampson,1903; pomazensis Kovacs,1952; hungarica Kovacs,1952. Taxref.: Agrotis hastifera Donzel,1847, Annls Soc. ent. Fr. (2)5: 525, Taf.8 figs.1,2. Syntypes: [France]: Digne. Range (in code): **DZ Lbs BtNa PT ES FR Sa? IT AT SK HU RO YU AL BG GR TR Cc AM Geg IR RU Da Kus Ro St At MD UA BY 01 04 06 12 13 25 42 49 62 65 70 76 01L 04D 04Da 04I 04Ia 06R 12E 12Eb 13D 13Da 25D 42D 49F 49Fe 62G 65F 65Fa 70C 70Cb 76C**

168. Euxoa (s.str.) nigricans (Linnaeus,1761) (Noctuidae) Synonym(s): nigricans Linnaeus,1761; fumosa [Denis & Schiffermüller],1775; rubricans Esper,[1788]; dubia Haworth,1809; vilis, fuliginea Hübner,[1813]; carbonea Hübner,[1823]; ursina Godart,1825; rustica Eversmann,1842; oppidicola Krulikowsky,1907. Taxref.: Phalaena nigricans Linnaeus,1761, Fauna Suecica (2): 322. Type(s): Sweden. Range (in code): **MA PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG Tbl IQ IR DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Ich Ing Da MD UA BY LB Bsa Sb At Am Us MN CN Ti 03 05 06 08 12 13 14 18 25 31 36 42 49 50 51 58 65 71 75 05A 05G 06R 06Rb 08H 08Hb 08Hc 13B 14I 18F 25R 42B 42D 49E 49Ea 50G 50Ga 50Gb 50Gc 50Gd 51B 51Ba 58R 65F 65Fa 65Fm 65Fp 65Fz 65L 65Lb 65N 65Np 65Nm 75F**

169. Euxoa (s.str.) robiginosa (Staudinger,[1895]) (Noctuidae) Synonym(s): robiginosa Staudinger,[1895]; terminalis Rothschild,1921; pseudoobelisca Corti,1932; intensior Draudt,1936; vinirufa Draudt,1936. Taxref.: Agrotis robiginosa Staudinger,[1895], Dt. ent. Z., Iris 7: 271-272. Syntypes ♂+: [Israel]: Jerusalem (Paulus leg.). Range (in code): **DZ BtNa TR IL Pa Js LB JO IQ Qz IR Lo 01 06 13 14 23 30 42 44 46 49 50 58 63 01L 01La 06C 06Cb 06D 06Da 06Y 06Yb 13D 13Da 14I 23I 30B 30Bh 42B 42D 42O 49F 49Fe 50G 50Ga 58G 58Gi 63E**

170. Fissipunctia corticea (Esper,[1800]) (Noctuidae) Synonym(s): #ypsillon [Denis & Schiffermüller],1775; ipsilon Goeze,1781 nec Hufn.,1766; corticea Esper,[1800]; fissipuncta Haworth,1809; upsilon Curtis,1828; plebeja Staudinger,1888; orenburgensis Bartel,1902; obertueri Rothschild,1920; glaisi Lucas,1931 Taxref.: Phalaena corticea Esper,[1800], Die Schmett. 4: 463, Tab. 145 figs. 2,3. Range (in code): **MA DZ BtNa Sbd Abe PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR GG Tbl Smt Bjo Lag AZ Kir Cc CY IQ IR Ha Mz Elb Kd Snj Lo GlS Kh DK NO SE FI EE LV LT RU Ro Kr St Kb Ich Ing Kyi Or Sb At Us MD UA BY AF Balk UZ N-A 01 06 10 17 25 30 35 36 49 50 51 58 60 62 66 75 30D 30Da 36F**

171. Hada plebeja (Linnaeus,1761) (Noctuidae) Synonym(s): plebeja Linnaeus,1761; nana Hufnagel,1766; dentina [Denis & Schiffermüller],1775; leucostigma Haworth,1809; odontides Boisduval,1829; latenai Pierret,1837; hilaris Zetterstedt,[1839]; reducta Rebel & Zerny,[1932]; littoralis Schawerda,1938; gredensis Schawerda,1938; nevadensis Schawerda,1938; hawelkae Schawerda,1938 Range (in code): **PT ES FR Co Sa? IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Smt Bjo Bku DK NO SE FI EE LV LT RU Kr St Kb Kc Nt Ich Ing Da Sb At MD UA BY UZ TJ CN Ui Ga MN Ti Kno U-B Ts Ch Gs KK Ik 06 08 16 18 25 36 38 42 49 50 60 75 06R 16A**

172. Hadenia (Anepia) perplexa ([Denis & Schiffermüller],1775) (Noctuidae) Synonym(s): perplexa [Denis & Schiffermüller],1775; lepida Esper,[1790] nec Cr.,[1779]; carpophaga Brahm,1791; ochracea Haworth,1809; capsophila Boisduval,1840; nesus Germar,[1842]; repanda Herrich-Schäffer,[1850]; atlas A.E.Prout,1929; sricula Draudt,1933 Taxref.: Noctua perplexa [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 313. Type(s): [Austria]: Vienna district. Range (in code): **MA**

DZ Cn PT ES An FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU Sb At MD UA Cm BY KG At Sb KK CN Ui Ku TJ Pm Tk AF Pag Adr IR Kh Fa Sse Elb Th Kdj Plr Dam Ab Mak TM Kp JO LB Bsa IL Pa IQ JO PK AZ AM GG Cc TrA UZ Fe IN Ld Ro St Kb Nt Ing Da CY Kir Lag Nv Ord Khy BSa Sbd Ahr Hrh BtNa Khh Ges Abe 01 04 05 06 07 11 13 14 16 18 20 24 25 29 30 32 33 35 36 42 46 47 48 49 50 51 58 60 63 65 75 05A 13G 13Gü 13Gw 16A 58N 65D 65F 65Fa 65Fr 65L 65Lb

173. Hadenia (Maschukia) pumila (Staudinger,1879) (Noctuidae) Synonym(s): pumila Staudinger,1879 Taxref.: Dianthoecia pumila Staudinger,1879, Horae Soc. ent. ross. 14: 378. Syntypes 3♂: [Türkei]: Amasia (Kerasdere). Range (in code): GR RU TR SY Dms IR Ab Ak Fa Ss Zj Kd AM Cc AZ IQ IL Pa JO LB 01 03 05 06 08 13 18 23 24 25 29 30 32 33 36 38 42 44 46 47 49 50 51 58 60 62 65 01H 05A 13G 13Gg 29A 29Ab 58N 65F 65Fa 65Fg 65Fp 65Fz

174. Hadenia (Pinkericola) tephroleuca (Boisduval,1833) (Noctuidae) Synonym(s): tephroleuca Boisduval,1833 Taxref.: Polia tephroleuca Boisduval,1833, Annls Soc. ent. Fr. 1833: 374, Pl.14,fig.4. Syntypes: Chamouny, Lausanne. Range (in code): ES FR Co IT DE CH AT AL BG GR TR Cc AZ AM GG RU Ro Kb Nt Kc Ing Da UA IR Elb Mz Th Diz Plr Dam Kd 04 06 13 14 18 20 24 25 28 30 32 33 36 38 42 46 48 49 50 51 58 60 65 66 13D 14B 14Bb 58N 65D 65F 65Fa 65G 65Ge

175. Hadenia (s.str.(Albimaculia)) cavalla Pinker,1980 (Noctuidae) Synonym(s): cavalla Pinker,1980 Taxref.: Hadenia cavalla Pinker,1980, Z. ArbGem. öst. Ent. 31: 66. Holotype +: Turkey: O-Anatolien: Gürün, 1700m (NHMW). Range (in code): TR Cc AM AZ Nv IR Ha 04 24 25 30 46 49 50 58 60 65 73 04I 30B 30Be 30Bg 58G 60C 65F 65Fa 65Fp 65Fz 65G 65Ge 73C 73Cd

176. Hadenia (s.str.(Anatolidena)) staudingeri (F.Wagner,1931) (Noctuidae) Synonym(s): staudingeri F.Wagner,1931 Taxref.: Dianthoecia gueneei ab. staudingeri F.Wagner,1931, Int. ent. Z. 24: 149. Type(s): [Türkei]: Akschehir. Range (in code): TR Cc AM AZ RU Da IR Elb Th Diz Plr Kd Bne 06 08 13 18 24 25 30 36 40 42 49 50 51 58 60 65 66 06R 08H 13G 13Gg 25T 30B 30Bh 30D 30Dt 49E 49Ea 60C 65F 65Fe 65Fp 65Fz 65G 65Ge

177. Hadenia (s.str.(Clarhadena)) subhyrcana Hacker,1996 (Noctuidae) Synonym(s): subhyrcana Hacker,1996 Range (in code): TR IR Lo 13 30 24 25 49 58 65 73 13G 13Gg 65F 65Fp 65Fz

178. Hadenia (s.str.(Magnolihadena)) magnolii (Boisduval,1828) (Noctuidae) Synonym(s): magnolii Boisduval,1828; nummosa Eversmann,1844. Taxref.: Polia magnolii Boisduval,1828, Eur. Lépid. Ind. Meth.: 73. Type(s): Gallia meridionalis. Range (in code): DZ Hmk PT ES An FR Co Si IT DE CH AT SK HU RO YU HV AL MK BG GR Cr TR TM IR By Yas Es Fa Lo Ha Elb Th Dam Kd Kh Cc GG Tbl Smt Bjo Mng AZ Kir AM LB Bsa UZ N-A KK KG RU Ro St Kb Nt Ing Da Sb At UA PK Ch Hu 01 04 05 06 09 13 14 18 24 25 29 32 33 36 42 46 49 50 51 58 65 66 05A 06R 06Rb 13G 13Gü 13Gw 42R 58R 65D 65Du 65F 65Fr 65Fp 65Fz 65Fm 65K 65N 65Np 65Np1 65Nm

179. Hadenia (s.str.(Miselia)) compta ([Denis & Schiffermüller],1775) (Noctuidae) Synonym(s): compta [Denis & Schiffermüller],1775; viscariæ Guenée,1852; galactina Turati,1908. Taxref.: Noctua compta [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 70. Type(s): [Austria]: Vienna district. Range (in code): DZ Ges PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR SY LB Bsa IL Pa AM GG Smt Akh Cc AZ IR Ab Khy Elb Fa Th Lo Zj Gh Kd Bne Sse Kh IQ DK NO SE FI EE LV LT RU Ro St Kb Kc Nt Ich Ing Da Sb At Am MD UA BY TM KK KG T-S MN CN JP 03 04 05 06 08 13 16 18 24 25 29 30 32 33 36 42 46 49 50 51 58 60 62 63 65 66 76 05A 13G 13Gü 13Gw 16A 33G 33P 58N 65F 65Fa 65Fp 65Fz 65Fr 65G 65Ge 76C

180. Hadenia (s.str.(Zeteolyga)) confusa (Hufnagel,1766) (Noctuidae) Synonym(s): confusa Hufnagel,1766; conspersa [Denis & Schiffermüller],1775; nana Rottemburg,1776 nec Hufnagel,1766; annulata Fabricius,1781; x-scriptum Sowerby,1806; fasciata Tutt,1902; suffusa Tutt,1902; intermedia Tutt,1902. Taxref.: Phalaena confusa Hufnagel,1766, Berl. Mag. 3(3): 414. Type(s): [Germany]: Berlin. Range (in code): MA DZ Agi Hmk Hrh Dzc Ges Abe TN PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU Kr St Kb Nt Ich Ing Da Sb At Prj Us MD UA BY Cc GG Lag AM AZ IR Mz KK Ik TrA Ax Na KG Tk Aa CN Ui Ju Ti MN Uli U-B 04 06 07 08 09 13 18 25 28 30 33 36 37 46 49 50 51 60 65 75 13C 13Cf 33G 51D 51Da 65G 65Ge

181. Hadula (Calocestra (Dianthus)) dianthi (Tauscher,1809) (Noctuidae) Synonym(s): dianthi Tauscher,1809; dentigera Eversmann,1837; actinobola Eversmann,1837; furculoides F.Wagner,1930. Taxref.: Noctua dianthi Tauscher,1809, Mém. Soc. imp. Nat. Moscou 1: 316. Lectotype ♂: Russia: Sarepta, designated by Hacker (1998: 717) (ZIN). Range (in code): MA DZ Ah ES IT AT SK HU RO YU BG TR RU Sr Cc GG Tbl Lag AZ Kir Ro St Kyi KG Tk Dj Aa KK Osh Ssn Mn DsA TM Kp CY CN Ui Ku MN TJ UZ IR Ak 01 04 05 06 18 25 42 49 50 51 58 66 69 05A 25B 42B 49F 58N

182. Hadula (Calocestra (Hadumendax)) mendax (Staudinger,1879) (Noctuidae) Synonym(s): mendax Staudinger,1879 Taxref.: Hadenia mendax Staudinger,1879, Horae Soc. ent. ross. 14: 383. Syntypes: [Türkei]: Amasia; Lectotype ♂, designated by Hacker (1998: 703) (MNHU). Range (in code): MK BG GR TR Cc AM AZ Nv IL Pa LB IR Ab Oru 01 05 06 07 13 16 18 20 24 25 27 29 30 31 33 36 37 38 42 46 49 50 51 56 58 60 65 66 70 05A 06R 06Ra 16A 25F 31K 31Ka 33G 50G 50Gb 56F 56Fs 58N 58R 65F 65G 65Ge 65N 65Np 65Np1 65Np2 65Nm

- 183. Hadula (Calocestra (Hadumendax)) mendica (Staudinger,[1895])** (Noctuidae) Synonym(s): mendica Staudinger,[1895]. Taxref.: Mamestra mendica Staudinger,[1895], Dt. ent. Z., Iris 7: 272-273, Taf. ix fig.18. Syntypes 3♂ 2+: [Turkey]: Hadjin [=Saimbeyli], Mardin; Lectotype ♂ [Hadjin], designated by Hacker (1998: 699) (MNHU). Range (in code): TR LB Cc AZ Nv Ord Kir IR Elb Kdj Ab Oru Mak 01 02 07 13 23 24 30 32 33 36 42 46 47 49 51 58 60 63 65 73 01K 30B 30Be 30Bh 36D 36Dd 65F 65Fr 73C 73Cd 73Cd
- 184. Hadula (Calocestra (Hadutrifolium)) trifolii (Hufnagel,1766)** (Noctuidae) Synonym(s): trifolii Hufnagel,1766; chenopodii [Denis & Schiffermüller],1775; verna Esper,[1787]; saucia Esper,[1790]; infraina Haworth,1809; contribulis Duponchel,1827; farkasii Treitschke,1835; inquieta Walker,1857; albifusa Walker,1857; cinnamomina Rothschild,1913; taylori Rothschild,1921 Taxref.: Phalaena trifolii Hufnagel,1766, Berl. Mag. 3 (3): 398. Type(s): [Germany]: Berlin. Range (in code): CL TN MA DZ LY NE PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG MK GR Cr TR CY IL LB SY IQ Agh Amr MN AF Gbh Pli Arh Ca PK Gg IN US CA DK NO SE FI EE LV LT RU MD UA BY IR Hz Ss Kh CN Ui Ku Yk Ti GG AM AZ Bak Cc JO MK Gh Elb Th Mz Kdj Dam Km Kd Ab Lo Es Ss Hz Bu Dlk KG Tk Tu Dj Aa TrA TM Kp TJ Pm Chr UZ Br N-A KK Skm Ax Na Ro Kr St Kc Kb Nt Ich Ing Kyi Da CV Az Cp Khy Snj Bne Mrv Gls Kh BSa Lgt Ktr Sét Gha Ela Ceg Bsk Saia Btina Khh Hmk DhM Hrh Perr Afl Ges Abe Sfr Tlm Onç Mri Ear Nbr 04 05 06 07 08 10 13 16 17 18 23 25 31 32 36 39 37 39 42 45 46 49 50 51 53 57 58 60 62 63 65 05A 06R 06Rb 10K 10Ka 13A 16A 65F 65G 65Ge 65L 65Lb
- 185. Hecatera bicolorata (Hufnagel,1766)** (Noctuidae) Synonym(s): bicolorata Hufnagel,1766; serena [Denis & Schiffermüller],1775; placida Esper,[1791]; hieracii Bkh.,1793; par Donovan,1801; monticola Dup.,1826; leuconota Eversmann,1837; intermedia Walker,[1858]; obscura Staudinger,1861. Taxref.: Phalaena bicolorata Hufnagel,1766, Berl. Mag. 3(3): 410. Type(s): [Germany]: Berlin. Range (in code): DZ PT ES FR Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU Ro Kr St Kc Kb Ich Ing Da Sb At Am MD UA BY IR Fa Es Ke Mz Elb Th Kd Bne Mrv Hz AM AZ GG Lag Len Kir Cc CY LB Bsa IL Pa Hf SY KK Ax TrA Na Ges BSa Hmk Hrh Khh Bsk Agi 01 04 05 06 07 08 13 14 18 21 24 25 28 29 30 33 36 46 49 50 51 55 58 60 63 65 66 75 05A 06R 06Rh 113G 13Gy 21N 21Nh 30B 30Bd 55F 58R 65F 65Fa 65Fp 65Fz 65D 65Du
- 186. Hecatera rhodocharis (Brandt,1938)** (Noctuidae) Synonym(s): rhodocharis Brandt,1938 Taxref.: Polia rhodocharis Brandt,1938, Ent. Rdsch. 55: 503-504, figs. 55-61. Syntypes: Iran: [Fars]: Comée; Barm-i Firus. Range (in code): IR Ha By Yas Fa Com Lo IQ Kd Snj Bne Sqq Mrv Kz Hjo TR Cc TJ Pm Chr 12 13 20 24 25 30 31 32 33 36 38 42 44 46 49 50 58 65 13B 13G 13Gü 13Gw 25T 30B 30Be 30Bj 30D 30Da 30Dt 36D 36F 58G 65F 65Fa 65G 65Ge 65K 65Kl
- 187. Heliophobus unicolor (Alpheraky,1889)** (Noctuidae) Synonym(s): unicolor Alpheraky,1889 Range (in code): TR Arr Cc CN Ui Ku IR Elb Th KG Tk Dj KK TeA Na Ax RU At Ur MN 04 06 07 08 14 18 24 25 28 33 36 38 42 46 49 50 51 58 60 65 75 58G 65F 65Fa 65G 65Ge 65N 65Nc 65Nç
- 188. Heterophysa dumetorum (Geyer,1834)** (Noctuidae) Synonym(s): dumetorum Geyer,1834; rhadama Milliére,1883; mutica Christoph,1885; griseoviridis Schwingenschuss,1937 Taxref.: Noctua dumetorum Geyer,1834, [in] Hübner,J., Samml. eur. Schmett. 3: Taf.176, fig.839. Type: France, Provence. Range (in code): ES FR YU GR TR Cc AZ Nv Ord IR Mz Elb Dam Th 01 04 06 08 13 24 25 30 36 42 46 49 51 53 58 60 62 65 66 69 06R 06Re 06Rk 08H 13B 13G 13Gü 13Gw 25F 30B 30Bd 30Bh 30Bf 30D 30Dt 36D 49F 53N 65F 65Fr 65Fp 65Fz
- 189. Hoplodrina superstes (Ochsenheimer,1816)** (Noctuidae) Synonym(s): superstes Ochsenheimer,1816 Taxref.: Caradrina superstes Ochsenheimer,1816, Schmett. Eur. 4:80. Type(s): Europa. Range (in code): PT ES FR Si IT GB BE LU DE CH AT PL CZ SK HU RO YU AL BG GR TR GG Smt Bjo Lag AZ Kir Nv Ord AM Cc RU Da Der Ro Kr St Nt Ich Ing MD UA BY 01 04 05 06 08 12 14 25 30 33 36 37 49 50 53 65 66 71 75 05A 06R 06Re 08H 25T 25F 30B 30Bf 30D 30Dt 33G 36D 37P 49E 49Ea 53N 65F 65Ff 65Fz 71D
- 190. Hypena munitalis Mann,1861** (Noctuidae) Synonym(s): munitalis Mann,1861. Taxref.: Hypena munitalis Mann,1861, Wien. ent. Monatschr. 5: 158. Type ♂: [Türkei]: Amasia. Range (in code): BG MK GR TR GG Smt Bjo Akh Cc AM RU Kr IL Pa LB Bei 01 05 06 07 08 12 13 24 25 32 33 42 44 49 50 51 56 58 65 69 73 05A 06R 06Ra 06Rm 13A 13G 13Gg 13Gü 13Gw 32A 42B 42Bb 44E 44Eh 49E 49Ea 56C 56Ca 56F 56Fo 56Fs 56Fs1 65D 65F 65Fm 65Fp 65Fr 65Fz 65K 65N 65Nc 65Kp 65Kl 73A 73Ad 73Ad2
- 191. Jodia croceago (Fabricius,1787)** (Noctuidae) Synonym(s): #croceago [Denis & Schiffermüller],1775; croceago Fabricius,1787; aurantiago Donovan,1796; corsica Mabilie,1868 Taxref.: Noctua croceago Fabricius,1787, Mant. Ins. 2: 159, nr.163. Type(s): [Wien]. Range (in code): MA DZ Sbd TN PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Smt Bjo Mng SE RU Ro St Da MD UA BY IQ Shq LB IL Pa 05 06 08 11 24 25 31 42 43 46 49 56 58 65 05A 06F 06Fb 25F 42B 43D 49E 49Ea 65D 65Dlc 65Dü
- 192. Lacanobia (s.str.) w-latinum (Hufnagel,1766)** (Noctuidae) Synonym(s): w-latinum Hufnagel,1766; genistae Borkhausen,1792; dives Donovan,1801; umbrosa Bytinski-Salz & Brandt,1937; diniensis Heinrich,1938; caerulea Schwingenschuss,1962. Taxref.: Phalaena w-latinum Hufnagel,1766, Berl. Mag.

3(3): 292. Type(s): [Germany]: Berlin. Range (in code): PT ES FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE FI EE LV LT RU Ro Kr St Ing Nt Kyi Da At Sb MD UA BY IR Mz Gls Ha Elb Th Kdj Dam Cc AM GG Smt Bjo Lag AZ Kir Nv Ord KG Tar CN Ui Ii KK Ik Na 04 05 06 11 13 18 21 24 25 28 33 34 36 37 39 42 49 50 58 60 61 65 06R 06Rb 06Rh 13G 13Gg 21N 21Nb 36D 36Db 61K 61Ka 65D 65F 65Fa 65Fm 65Fp 65Fz 65L 65Lb

193. *Leucochlaena muscosa* (Staudinger,1892) (Noctuidae) Synonym(s): muscosa Staudinger,1892; hirsutus Staudinger,1892 Taxref.: Epunda muscosa Staudinger,1892, Dt. ent. Z., Iris 4: 281-282. Syntypes 5♂: [Türkei]: Amasia, ?Maras, ?Malatia. Range (in code): GR TR IR Hz Elb Gh Km Ksh CY IQ TJ TM Kp UZ N-A IL Js Pa RU Cc Da Der 05 06 07 13 23 25 27 33 44 45 46 47 49 50 56 63 65 70 05A 06C 06Cb 06Y 06Yb 13C 13Cf 23I 25D 25F 44F 44Fb 44O 49E 49Ea 56A 63E 63M 65D 65Dh 65N 65Np 65Nm 70A

194. *Luperina diversa* (Staudinger,1892) (Noctuidae) Synonym(s): diversa Staudinger,1892; indistincta Rebel,1933 Taxref.: Apamea dumerilii var. diversa Staudinger,1892, Dt. ent. Z., Iris 4: 284-285. Syntypes: [Türkei]: Amasia, Diarbekir. Range (in code): TR Cc AM Geg Eri CY IQ IR Km Ksh Elb Th LB Bei EG Sn 01 04 05 06 12 13 18 21 25 27 49 55 56 58 60 62 63 65 66 73 04D 04Da 05A 06A 06Aa 06C 06Cb 06E 06Ea 06R 06Rb 06Rq 06Y 06Yb 13C 13Cf 13D 13Da 25D 49E 49Ea 56A 58G 65F 65Fa 65N 65Np 65Np2 65Nm 73C 73Cd

195. *Lygephila* (s.str.) *craccae* (Fabricius,1787) (Noctuidae) Synonym(s): #craccae [Denis & Schiffermüller],1775; craccae Fabricius,1787; nigricollis Villers,1789; riata Rungs,1952; caliginosa Schawerda,1931; herrerae Yela,1990; #craccae Hacker & Kautt,1999. Taxref.: Noctua craccae Fabricius,1787, Mant. Ins. 2: 154, nr.137. Type(s): [Wien]. Range (in code): MA PT ES Mu FR Co Sa Si IT GB BE LU DE CH AT PL CZ HU RO YU BG GR Cr TR AZ AM GG Cc IQ Ry LB Bsa DK NO SE FI EE LV LT RU Cc Ro Kr St Nt Ich Ing Da MD UA BY IR Fa By Yas Ke Ss Lo Kh Mz Elb Th Dam Kz Yas Skh Kd Snj Lo Yz CN Ui Chk AF Pag KG Tk Dj Ii KK Ik T-A CY Smt Bjo Mng Lag Kir Bne Mrv 01 05 06 07 08 12 13 14 16 17 18 22 24 25 29 30 33 36 42 44 48 49 50 56 58 60 62 63 65 75 76 05A 06R 06Rq 13G 13Gg 13Gü 13Gw 13Gy 16A 25F 30D 30Dx 33G 44I 44Ic 49E 49Ea 56F 65D 65Dn 65F 65Fa 65Fp 65Fm 65Fj 65Fz 65N 65Np 65Nm 75F 75Fa 76C

196. *Lygephila* (s.str.) *lusoria* (Linnaeus,1758) (Noctuidae) Synonym(s): lusoria Linnaeus,1758; orobi Duponchel,1821; lathyri Boisduval,[1828] Taxref.: Phalaena lusoria Linnaeus,1758, Syst. Nat. (Edn.10)1: 506. Type(s): Germania. Range (in code): FR Sa Si IT CH AT PL CZ SK HU RO YU BG GR TR IL Pa LT RU MD UA BY Cc GG AZ AM IR IQ AF KK 01 03 04 05 06 07 08 11 18 24 25 32 33 36 42 49 50 51 58 62 65 66 70 05A 06R 06Rb 42J 42X 42Xa 33G 65D 65Dj 65Dl 65Dlc

197. *Margelana flavidior* Wagner,1831 (Noctuidae) Synonym(s): flavidior Wagner,1831 Taxref.: Margelana flavidior Wagner,1831, Int. ent. Z. 25: 36. Type: Turkey, Akşehir. Range (in code): IL Pa TR Cc IR TM AF Gbh 06 12 25 36 38 42 44 49 50 58 60 64 65 70 06Y 25D 44E 44Eh 49F 49Fe 50G 58G 65F 65Fa 65Fp 65Fz 65K 65Kd 65N 65Np 65Np2 65Nm

198. *Megalodes eximia* (Freyer,1845) (Noctuidae) Synonym(s): eximia Freyer,1845 Taxref.: Cosmia eximia Freyer,1845, Neuere Beitr. Schmett. 5: 104. Tab. 442 fig. 3. Type(s): [Türkei]: europäische Türkei. Range (in code): GR TR Cc GG AM RU Da IR Fa Ab Oru Ak Shf Mak Ksh Km Kd Sqq IQ IL Js Pa JO LB Bei 01 05 07 10 13 21 24 25 27 30 33 36 42 46 47 49 50 62 63 65 66 73 05A 13G 21N 21Nb 30B 30Bd 33E 65D 65Dm 65Dl 65Dlc 65Du 65Dx 65E 65F 65Fp 65Fz 65N 65Nc 65Np6 65Nm 73E 73Eb

199. *Metopodicha ernesti* Draudt,1936 (Noctuidae) Synonym(s): ernesti Draudt,1936; achaemenica Wiltshire,1941 Taxref.: Metopodicha ernesti Draudt,1936, Ent. Rdsch. 53: 492, Taf. iv 5c. Type: [Türkei]: Achyr-Dagh (Marasch). Range (in code): TR IR Fa IQ 12 30 44 46 49 58 62 73 30B 30Be 49E 49Ea 58G 62G 73C 73Cd

200. *Mythimna* (Aletia) *l-album* (Linnaeus,1767) (Noctuidae) Synonym(s): l-album Linnaeus,1767; penicillata Moore,1881 Taxref.: Phalaena l-album Linnaeus,1767, Syst. Nat. (Edn.12)1: 850. Type(s): [Europa]. Range (in code): MA DZ TN PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AZ AM Cc DK NO SE LV RU Ur MD UA BY IR Fa Ke Lo Es Ha Ss Gh Elb Th Dam Kdj Ab Kz Yas AF Gbh PK IN Pj Sml Dlh Hp Kul Up Bhi SI NP CY IQ LB Bei Bsa IL Pa KK KG CN UZ Tk Dj Ax N-A Ro St Kr Kb Nt Ich Da Thu Smt Bjo Lag Kir Nv Ord Oru Sdt Kd Bne Gls Kh Agi Anna Ges Lgt Blid Bsk Btina Lbs Khh DhM Prr Abe Sbd Afl BSA Hrh 05 06 07 08 10 12 13 16 17 18 21 25 30 31 32 33 34 36 38 39 42 44 45 46 49 50 51 56 58 61 63 65 69 80 05A 06R 06Rq 06Y 06Yb 08H 08Ha 13B 13C 13Cd 13G 13Gg 13Gü 13Gw 16A 21N 21Nb 30D 30Dt 30Dx 31K 31Ka 33G 36D 36Db 38H 38Hc 44E 44Eh 49E 49Ea 56F 56Fo 58G 61K 61Ka 65D 65Ds 65Dv 65F 65Fg 65Kr 65Fm 65Fp 65Fz 65G 65Ge 65K 65Kl 65N 65Nc 65Nc4

201. *Mythimna* (Hyphilare) *ferrago* (Fabricius,1787) (Noctuidae) Synonym(s): ferrago Fabricius,1787; lithargyria Esper,[1788]; grisea Stephens,1829; anargyria Boisduval,1840; argyristis Rambur,1858; meridionalis Dannehl,1926 Taxref.: Noctua ferrago Fabricius,1787, Mant. Ins. 2: 160, nr.170. Type(s): [Germany]; Kiliae [=Kiel]. Range (in code): DZ MA PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR IQ IR Fa Mz Elb Th Dam Gh DK NO SE FI EE LV LT RU Ro Kr Kc St Kb Nt Ich Ing Da At Sb Ur MD UA BY CN Ui Kun TM KK TrA KG LB IL Pa PK Gg Ch Kag Hu Swa GG AZ AM Cc Smt Bjo Mng Lag Kir Haz Abe Sbd Sét DhM TN 01 04 06 08 09 12 13 24 28 30 33 36

39 42 44 45 46 49 50 56 58 61 62 65 66 06R 06Rb 09K 09Ka 13G 13Gg 13Gü 13Gw 30D 30Dx 44I 44Ic 46G 46Gf 49E 49Ea 56F 65F 65Fa 65D 65Dn 65Fp 65Fz 65Fm 65G 65Ge

202. Noctua (Lampra) fimbriata (Schreber,1759) (Noctuidae) Synonym(s): fimbriata Schreber,1759; domiduca Hufnagel,1766; fimbria Linnaeus,1767; solani Fabricius,1787. Taxref.: Phalaena

fimbriata Schreber,1759, Nova Species Insectorum: 13, fig.9. Type(s): [Deutschland]: Halae [=Halle]. Range (in code): **DZ Clo DhM TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU Ro Nov Kr St Kb Kc Nt Ich Ing Da MD UA Ode Cm BY AM GG Smt Bjo AZ Kir Cc IR GlS 03 05 06 07 08 12 13 14 16 18 25 29 30 39 42 43 46 49 51 56 59 60 62 65 73 80 03H 05A 06R 06Rb 08H 13C 13Cf 13G 13Gg 16A 25T 30B 30Bd 42B 42D 49E 49Ea 56F 56F6 59D 65D 73C 73Cd**

203. Oligia turcia Rezbanyai-Reser,1997 (Noctuidae) Synonym(s): turcia Rezbanyai-Reser,1997 Taxref.: Oligia turcia Rezbanyai-Reser,1997, Ent. Ber., Luzern 37: 153-154, fig. Holotype: Türkei: [Ankara Prov.]: Kızılcahamam, 925m. Range (in code): **TR Cc 06 11 18 22 24 32 42 49 50 51 60 65 75 06R 06Ra 65F 65Fp 65Fz**

204. Omphalophana durnalayana Osthelder,1933 (Noctuidae) Synonym(s): durnalayana Osthelder,1933 Taxref.: Omphalophana durnalayana Osthelder,1933, Mitt. münch. ent. Ges. 23: 52-53. Syntypes: [Türkei]: Maraş, Düldül Dag. Range (in code): **TR Cc IQ 04 12 25 30 36 46 49 62 73 12E 12Ea 30B 30Be 73C 73Cd**

205. Opigena huberi Hacker,1999 (Noctuidae) Synonym(s): huberi Hacker,1999 Taxref.: Opigena huberi Hacker,1999, Esperiana 7: 426-428, figs. Holotype ♂: Türkei: Prov. Erzurum: Palandöken Dağı 4km S. Erzurum, 2200m, 8.ix.1985 (leg. & coll. Hacker). Range (in code): **TR IR Elb Th 04 25 30 42 49 60 04D 04Da 25A 25C 25Ca 25N**

206. Orthosia (Monima) dalmatica (Wagner,1909) (Noctuidae) Synonym(s): dalmatica Wagner,1909 Taxref.: Taeniocampa cerasi var. dalmatica Wagner,1909, Ent. Z., Frankf. a.M. 23: 18. Lectotype ♂: Dalmatia: Zara (Hreblay, 1993: 74). Range (in code): **YU BG GR TR 07 09 11 15 16 17 31 33 44 49 50 58 16A**

207. Orthosia rubricosa (Esper,[1786]) (Noctuidae) Synonym(s): #miniosa [Denis & Schiffermüller],1775; rubricosa Esper, [1786]. Taxref.: Phalaena rubricosa Esper, [1786], Die Schmett. 2 (3): 381, Tab.75 figs.3-4. Syntypes: [Germany]: [Erlangen], [Mittelfranken]: Neustadt. Range (in code): **PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR DK NO SE FI EE LV LT RU Cc Ro Nt Ich Da MD UA BY 05 06 07 09 11 13 17 21 30 31 33 43 46 49 51 56 58 62 63 65 73 06R 06Rb 13D 13Da 13G 13Ga 21N 21Nh 31K 31Ka 33G 43D 49E 49Ea 51D 51Da 56F 65F 65Fu 73A 73Ab**

208. Plusia festucae (Linnaeus,1758) (Noctuidae) Synonym(s): festucae Linnaeus,1758; aureoargentea Retzius,1783; yokohamensis Bryk,1949; japonibia Bryk,1949 Taxref.: Phalaena festucae Linnaeus,1758, Syst. Nat. (Edn.10)1: 513. Type(s): [Europa]. Range (in code): **DZ Anna PT ES FR Co Sa IT IE GB BE NL LU DE CH AT PL CZ SK HU RO AL GR TR IR Ab Ak Mak Bzg Ar Kh Es Fa Bk Shr Dam Gh Th Elb Dam DK NO SE FI EE LV LT RU GG Smt Bjo Cc Ro Kr Kc St Kb Nt Ich Da Kyi MD UA BY KK Ax TrA 05 06 13 33 42 49 65 05A 06F 06Fb 49F**

209. Polia sagittigera (Hufnagel,1766) (Noctuidae) Synonym(s): sagittigera Hufnagel,1766; leucophaea [Denis & Schiffermüller],1775; fulminea Fabricius,1781; vestigialis Esper,[1785]; ravidia Esper,[1789]; pyrenaica Oberthür,1884; incana Millièrè,1885. Taxref.: Phalaena sagittigera Hufnagel,1766, Berl. Mag. 3(3): 410. Type(s): [Germany]: Berlin. Range (in code): **DZ BtNa Lbs ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Ich Ing Da Sb At MD UA BY Ur KG At Tab DsA CN Ui li 01 03 06 13 16 18 25 33 42 46 49 50 51 60 61 65 03E 06R 06Rb 06Y 06Yb 13G 13Gw 13Gs 16A 18F 25C 25Ca 25T 33E 42R 42Rd 49E 49Ea 50G 50Gd 60C 61K 61Kb 65D 65Ds**

210. Rhyacia (s.str.) lucipeta ([Denis & Schiffermüller],1775) (Noctuidae) Synonym(s): lucipeta [Denis & Schiffermüller],1775. Taxref.: Noctua lucipeta [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 71. Type(s): [Austria]: Vienna district. Range (in code): **DZ Blid ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Cc IR Zj Elb Th Ab Dam IQ RU St Nt MD UA BY 06 08 25 36 38 44 46 49 50 53 58 60 63 64 65 66 44E 44Eh 53N 58G 58N 65F 65Fa 65F 65Fp 65Fz 65G 65Ge**

211. Sideridis (Aneda) rivularis (Fabricius,1775) (Noctuidae) Synonym(s): rivularis Fabricius,1775; cucubali [Denis & Schiffermüller],1775; rivosia Ström,1783; behenis Freyer,1845. Taxref.: Noctua rivularis Fabricius,1775, Syst. Ent.: 613. Type(s): [Germany]: Sachsen. Range (in code): **ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG TR GG Lag Smt Bjo AM Cc DK NO SE FI EE LV LT RU Ro St Kb Nt Ich Ing Da Am Prj Us MD UA BY KG TJ KK Ik Ax TrA UZ CN JP 04 08 09 13 14 18 23 24 28 36 42 49 50 55 61 65 73 75 08H 08Hc 13B 13A 13G 13Gy 42B 55F 61K 61Ka 65F 65Fr 65Fm 65Fg 65Fz 73A 73Ad 73Ad2**

212. Sideridis (Luteohadena) luteago ([Denis & Schiffermüller],1775) (Noctuidae) Synonym(s): luteago [Denis & Schiffermüller],1775; brunneago Esper,[1804]; nigrescens Wagner,1926 (praeocc.);

ottomana Koçak,1990. Taxref.: Noctua luteago [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 86. Type(s): [Austria]: Vienna district. Range (in code): DZ Hrh FR AD Co Si IT MT GB DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd FI LV LT RU Ro Kr St Kb Nt Ich Ing Da MD UA BY TR IR Fa Kh Elb Th IQ LB Bsa SY GG Tbl Bjo Smt Kir Cc AZ AM KK KG 04 05 06 07 08 11 13 18 21 24 25 29 30 33 36 37 42 49 50 58 60 61 65 73 05A 11A 13G 13Gg 13Gw 13Gs 50G 65D 65Dh 65F 65Fç 65Fg 65Fm 65Fr 65Fz 65G 65Ge 65L 65Lb 65N 65Np6 65Nm 73A 73Ab

213. Sideridis (s.str.) lampra (Schawerda,1913) (Noctuidae) Synonym(s): evidens Hübner,[1808] nec Thunb.,1784; lampra Schawerda,1913; anapheles Nye,1975 Taxref.: Leucania evidens var. lampra Schawerda,1913, Verh. zool.-bot. Ges. Wien 63: 157. Syntypes: [Bosnia-Herzegovina]: Bosnien, Herzegowina, Mojstrana. Range (in code): FR IT DE CH AT CZ SK HU RO YU BG GR TR Cc RU ST MD UA BY IR Elb Th Diz 04 12 13 25 30 49 65 75 04I 12E 12Ea 13G 13Gs 13Gw 25A 30B 30Bg 30D 30Da 65F 65Fr

214. Tholera decimalis (Poda,1761) (Noctuidae) Synonym(s): decimalis Poda,1761; popularis Fabricius,1775; lolii Esper,[1785]; typicoides Donovan,1811; nervosa Zerny,1927; chebka Rungs,1940 Taxref.: Phalaena decimalis Poda,1761, Insecta Musei Graecensis: 92. Type(s):[Austria]: Graz. Range (in code): MA PT ES FR Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR GG Smt Bjo Tbl AZ AM Cc DK NO SE FI EE LV LT RU Ro Kr St Kc MD UA BY 06 12 13 14 21 25 49 65 13C 13Cf 13D 13Da 14B 14Bb 21N 21Nb 25C 25Ca 49E 49Ea 65F 65Fp 65Fm 65Fz 65G 65Gb 65N 65Np 65Np1 65Np2 65Nm

215. Ulochlaena hirta (Hübner,[1813]) (Noctuidae) Synonym(s): hirta Hübner,[1813] Taxref.: Noctua hirta Hübner,[1813], Samml. eur. Schmett. Noct. 2: Taf.128 fig. 591. Type(s): Europa. Range (in code): DZ Mage Btina Afl FR Si IT CH RO YU BG GR RU Ro St Da Kyi MD UA TR Cc GG Smt Bjo Tbl Da Der AZ Kir SY JO IR Ab Oru Elb Th Plr GlS TM Kp 04 05 06 07 13 32 30 36 38 44 46 49 56 58 62 65 70 05A 06E 06Ea 06R 06Rq 06Y 06Yb 07A 13C 13Cd 13G 13Gd 30D 30Dc 36D 36Db 36E 38H 38Hc 44E 44Eh 56F 56Fo 58G 58Gb 65K 65Kd 65N 65Nc

Notodontidae (9)

216. Cerura (s.str.) vinula (Linnaeus,1758) (Notodontidae) Synonym(s): vinula Linnaeus,1758; minax Hübner,[1803]; teberdina Kornejev,1939 Taxref.: Phalaena vinula Linnaeus,1758, Syst. Nat. (Edn.10) 1: 499. Range (in code): ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR GG Smt Bjo Mng Lag AM AZ Kir Cc TR DK NO SE FI EE LV LT RU Kb Teb MD UA BY IQ Agh IR Ab Oru Ak Shf Kh AF Nu Bsg Kab CN Ui Khr Um 03 06 07 12 13 15 16 24 25 30 31 32 33 34 35 36 42 43 45 46 49 56 58 60 62 64 65 03A 03Aa 04E 04Ea 04I 06R 06Ra 06E 06Ea 07C 13G 13Gw 13Gs 25F 30Bd 30Bh 30D 30Da 31A 31Aa 33F 36D 36F 42D 42J 49E 49Ea 56F 58G 58N 60C 62G 64F 65D 65Dç 65Dj 65F 65Fg 65Fz 65N 65Np1 65Nm

217. Clostera pigra (Hufnagel,1766) (Notodontidae) Synonym(s): pigra Hufnagel,1766; reclusa [Denis & Schiffermüller],1775; alticaudafurcata Retzius,1783; suffusa Stephens,1835; superior Rangnow,1935; #flavidior Bytinski-Salz,1936 Range (in code): PT ES FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR GG Tbl Smt Bjo AZ Kir AM Cc DK NO SE FI EE LV LT RU MD UA BY IQ CN Ui Ku 04 06 08 12 14 24 30 31 36 42 44 46 49 56 58 60 62 65 04E 04Ea 06R 08H 30B 30Bd 30Bh 30Bg 30D 30Da 36F 42B 49E 49Ea 56F 56F3 56F1 56Fw 60C 62E 65D 65Dh

218. Drymonia velitaris (Hufnagel,1766) (Notodontidae) Synonym(s): velitaris Hufnagel,1766; austera [Denis & Schiffermüller],1775; bifasciata Villers,1789 Range (in code): PT ES FR IT BE NL DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG Smt Bjo Lag Mng AM 12 13 16 25 29 30 36 37 46 49 53 55 60 61 65 12A 12Aa 12E 13G 13Gy 16A 25D 25F 29A 30B 30Bd 36F 37C 49E 49Ea 53N 55E 55H 60C 61L 65F 65Fe

219. Harpyia milhauseri (Fabricius,1775) (Notodontidae) Synonym(s): milhauseri Fabricius,1775; terrifica [Denis & Schiffermüller],1775; vidua Knoch,1781; albida Daniel,1932 Taxref.: Bombyx milhauseri Fabricius,1775; Syst. Ent.: 577. Type(s): [Germania]: Dresden. Range (in code): PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE LV LT RU MD UA BY IQ 05 06 07 10 12 13 14 21 24 30 31 33 37 42 46 49 53 56 60 62 64 65 66 71 73 05A 06R 06Ra 06Rb 07B 10U 12A 12Aa 13G 13Gy 14B 21N 21Nh 30B 30Bg 30Bh 31K 31Ka 33G 33F 37P 42B 49E 49Ea 53M 53N 56A 56F 64F 65D 65Ds 65Dy 65F 65Fe 66P 71C 71Cc 71D 73C 73Ce

220. Phalera bucephala (Linnaeus,1758) (Notodontidae) Synonym(s): bucephala Linnaeus,1758; lunula Retzius,1783 nec Hufn.,1766 non Strm,1768. Taxref.: Phalaena bucephala Linnaeus,1758, Syst. Nat. (Edn.10) 1: 508. Range (in code): PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Smt Bjo Lag DK NO SE FI EE LV LT RU MD UA BY 05 12 13 14 16 17 24 25 32 36 42 49 53 56 58 60 65 05A 14B 16A 17H 25A 36D 36F 49E 49Ea 56F 58N 60C 53M 65F 65Fe

221. Pterostoma palpinum (Linnaeus,1761) (Notodontidae) Synonym(s): palpina Linnaeus,1761; caudapiscina Goeze,1783; salicis Germar,1812. Range (in code): DZ Anna PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Lag Smt Bjo AZ Kir DK NO SE FI EE LV LT RU MD UA BY 06 12 13 16 19 24 25 30 32 36 37 42 46 49 50 56 60 65 06R 06Ra 06Rh 12E 13C

13Cf 13F 13G 13Gw 13Gs 13Gy 16A 19P 24G 25F 30B 30Bd 30C 30Cd 30D 30Da 36D 36Db 36F 37C 42D 42R 46D 49E 49Ea 50G 50Gd 56F 60C 65D 65F 65Fe 65Fp 65Fr 65Fz 65Fg 65N 65Np6 65Nm

222. Rhegmaphila alpina (Bellier,1881) (Notodontidae) Synonym(s): alpina Bellier,1881; burgensis Fernandez,1934. Range (in code): ES FR BG GR TR 06 12 17 24 37 46 49 58 60 77 06R 06Ra 17E 37P 49E 49Ea 58G 60C

223. Spatalia argentina ([Denis & Schiffermüller],1775) (Notodontidae) Synonym(s): argentina [Denis & Schiffermüller],1775 Taxref.: Bombyx argentina [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 62, Tab. Ia-b fig.2. Type(s): [Austria]: Vienna district. Range (in code): ES FR Si IT DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc IQ LB Bsa 05 06 07 08 10 12 13 14 16 17 20 21 24 30 31 32 33 35 42 46 49 56 61 62 64 65 66 71 73 80 05A 06R 06Ra 06Rb 07C 08H 10D 10N 10P 10U 12A 12Aa 13F 13G 13Gy 13Gg 14B 14Bb 16A 17E 17H 17M 21N 21Nb 21Nc 30B 30Bd 30Be 30Bh 33E 33F 42B 42R 46D 49E 49Ea 56F 60C 61L 62E 64A 64F 65D 65Dl 65Dlc 65Ds 65F 65Fe 66P 71D 73A 73Ab 73Ad 73Ad2 73Ae 73C 73Ce 73Cd 80C

224. Stauropus fagi (Linnaeus,1758) (Notodontidae) Synonym(s): fagi Linnaeus,1758 Taxref.: Phalaena fagi Linnaeus,1758, Syst. Nat. (Edn.10) 1: 508. Range (in code): PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR GG Bjo Smt Lag AZ AM Cc IR GlS DK NO SE FI EE LV LT RU Sb Us MD UA BY KG CN JP Hkk 08 12 13 14 25 34 37 49 53 56 65 08F 14B 25A 34A 37C 49E 49Ea 56F 56F5 65F 65Fe

Pyralidae (5)

225. Cholius luteolaris (Scopoli,1772) (Pyralidae) Synonym(s): luteolaris Scopoli,1772; ochrealis [Denis & Schiffermüller],1775; simplicella Laharpe,1861; cremealis Zerny,1934. Range (in code): MA ES FR IT BE AT CZ SK HU RO YU MK BG GR TR LB Bsa RU MD UA BY 05 46 47 49 80 80E 80Ea

226. Dolicharthria stigmatosalis (Herrich-Schäffer,[1848]) (Pyralidae) Synonym(s): stigmatosalis Herrich-Schäffer,[1848] Taxref.: Stenia stigmatosalis Herrich-Schäffer,[1848], Syst. Bearb. Schmett. Eur. 4: 14, fig.20. Type(s): [Türkei]: Konstantinopel [Istanbul]. Range (in code): PT FR AT HU RO YU BG GR Cr TR RU MD UA BY LB Bsa 01 05 06 16 17 33 35 46 49 65 80 05A 16A 17C 49E 49Ea 65N 65Np 65Nm

227. Ephelis cruentalis (Geyer,[1832]) (Pyralidae) Synonym(s): cruentalis Geyer,[1832]; bourjotalis Duponchel,1833; badialis Treitschke,1835 Taxref.: Uresiphita cruentalis Geyer,[1832], [in] Hübner, Zuträge Samml. exot. Schmett. 4: 29, pl.[124], figs. 721,722. Range (in code): FR Si IT YU BG GR Rd Cr TR LB Cc GG Tbl Mng Lag AM AZ IL Pa Hf EG IR Fa Sse Elb Th Kdj Nss Kdv Gor Kh IQ Ry Shq AF Adr Shv Kab KG Slu Syr 01 05 06 12 13 16 25 30 31 33 34 35 36 38 39 44 46 49 56 58 63 65 76 80 05A 06K 06Kb 06R 12E 12Ed 13F 13G 13Gü 13Gw 16A 30B 30Bc 30Bc1 30D 30Dx 31M 36D 36Db 49D 49Db 56F 56Fb 56Fc 56F1 58G 58R 58Rb 65D 65Dh 65Dl 65Dlc 65Dt 65Du 65Dv 65F 65Fp 65Fz 65H 65Hb 65K 65Ké 65Kg 65N 65Np2 65Nr2 65Nm 76C 80B 80Bc

228. Synaphe moldavica (Esper,[1789]) (Pyralidae) Synonym(s): moldavica Esper,[1789]; netricalis Hübner,[1813]; graecalis Duponchel,1833; palermitalis Guenée,1854; aberralis Guenée,1854; italicalis Hartig,1941; bertoncinii Hartig,1941; schmidtii Hartig,1941. Taxref.: Phalaena moldavica Esper,[1789], Die Schmett. Suppl.3: 38, Taf.86 fig.1. Lectotype ♂: Moldavia, designated by Hacker (1999) (ZSM). Range (in code): PT ES Si IT AT SK HU RO YU HV B-H MK AL BG GR Cr IR GlS Kh TR MD UA 05 06 07 10 16 17 22 25 31 32 34 35 38 42 45 46 48 49 58 65 71 05A 06R 06Rd 10K 10Ka 16A 31M 46F 46Fc 46Fg 49E 49Ea 58G 65K 65Kl 65N 65Nb 65Np 65Np1 65Np2 65Np7 65Np8 65Nr3 65Ns 65Nm

229. Trepteryx pertusalis (Geyer,[1832]) (Pyralidae) Synonym(s): pertusalis Geyer,[1832]; weissenbornii Freyer Taxref.: Eurrhysis pertusalis Geyer,[1832], Zutr. exot. Schmett. 4: 36, figs. 763-764. Syntypes: Griechenland. Range (in code): FR GR Cr TR IQ Ama LB Bsa IL Pa 01 05 06 13 21 25 31 32 33 35 46 49 56 63 65 01L 01La 05A 06K 06Kd 06N 06Nc 06R 06Rd 13F 13G 13Gw 13Gü 21N 21Nb 46F 46Fd 49E 49Ea 56F 56Fc 56Fn 56Fx 65D 65Dh 65Dn 65Dv 65F 65Fb

Sesiidae (2)

230. Bembecia (Pseudosphecia) stiziformis (Herrich-Schäffer,1851) (Sesiidae) Synonym(s): stiziformis Herrich-Schäffer,1851; kara De Freina,1983; tubercula De Freina,1983; barbarossa De Freina,1983. Range (in code): TR CY IR Elb Shh Cc Zj Mz Ha Kd Lo By Bk Es Yz Fa Ke AZ Tlh TM Kp PK 01 04 05 12 13 30 36 47 49 50 65 76 01K 05A 13G 30B 30Bc2 49E 49Ea 65F 65Fe 65K 65Kd 65Kg 76C

231. Bembecia peterseni K.Spatenka,1997 (Sesiidae) Synonym(s): peterseni K.Spatenka,1997 Range (in code): TR IR Zj Lo 01 04 12 25 44 49 50 51 62 70 01K 04D 04Da 44I 49E 49Ea 50G 50Gd 51B 51Ba 70C 70Cb

Sphingidae (2)

232. Deilephila suellus Staudinger, 1878 (Sphingidae) Synonym(s): suellus Staudinger, 1878; kuruschi O. Bang-Haas, 1938. Taxref.: Deilephila porcellus var.? suellus Staudinger, 1878, Horae Soc. ent. ross. 14: 298-300. Syntypes: [Türkei]: Amasia (Kerasdere). Range (in code): **TR IR GG Bjo Tbl Lag Cc RU Da KK Ik CN Ui Au Ju IQ LB Bsa 01 04 05 06 07 12 19 25 30 32 42 49 50 58 60 61 65 66 71 01H 04I 05A 06R 06Ra 06Re 19C 30B 30Bg 30Bd 30Bl 30D 30Da 36D 36F 42B 49E 49Ea 58R 60C 61K 61Ka 65F 65Fc 65Fe 65Fz 65G 65Ge 65N 65Np 65Np1 65Nm 66P 71D 71De**

233. Marumba quercus ([Denis & Schiffermüller], 1775) (Sphingidae) Synonym(s): quercus [Denis & Schiffermüller], 1775; denisii Fuessly, 1779; #brunnescens Rebel, 1910; #canescens, pallescens Closs, 1922; mesopotamica O. Bang-Haas, 1938; schirasi O. Bang-Haas, 1938; #pallida Vilarrubia, 1973. Taxref.: Sphinx quercus [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 41, Tab 1 fig. 1. Type(s): Vienna district. Range (in code): **MA PT ES FR Co Sa Si IT CH AT CZ SK HU RO YU AL BG GR TR AM AZ GG Cc Smt Bjo RU MD UA IR Fa Shr IQ Rwz LB JO 01 05 06 07 10 12 13 19 21 30 42 46 47 49 56 62 65 73 05A 06R 06Rb 10D 13F 19B 21N 21Nb 21Nh 30B 30Ba 30Bh 30C 30Cd 42B 47F 47Fa 49E 49Ea 56F 56Fb 62E 65D 65Dl 65Dlc 65Du 73A 73Ae 73C 73Cd 73D 73Df 73Dfc**

Tortricidae (2)

234. Aleimma loeflingianum (Linnaeus, 1758) (Tortricidae) Synonym(s): loeflingiana Linnaeus, 1758; mixtana Fabricius, 1794; plumbana Hübner, [1799]; ectypa Hübner, [1800]; plumbeolana Haworth, 1811 Taxref.: Phalaena (Tortrix) loeflingiana Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 531. Type(s): Europa. Range (in code): **PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU B-H MK AL BG GR TR GG Tbl SY Dms Hal DK NO SE FI EE LV LT RU MD UA BY Cm Da Cc IR By Kd Snj Sqq 05 06 16 17 22 32 42 46 49 56 65 71 81 05A 16A 49E 49Ea 56F 56Fb 56Fi 65D 65Dlc 65Dt 65F 65Fr**

235. Cydia orobana (Treitschke, 1830) (Tortricidae) Synonym(s): orobana Treitschke, 1830; arcigera Tengström, 1847; strandiana Fuchs, 1901; persicana Osthelder, 1938 Taxref.: Grapholitha orobana Treitschke, 1830, Schmett. Eur. 8: 226. Type: Hungary. Range (in code): **FR Co Si IT GB BE NL DE CH AT PL CZ SK HU RO YU BG GR TR DK NO SE FI EE LV LT RU MD UA KG IR Mz Elb 05 06 16 35 49 65 05A 16A 65F 65Fb 65N 65Np 65Nm**

Zygaenidae (11)

236. Jordanita (s.str.) graeca (Jordan, 1907) (Zygaenidae) Synonym(s): graeca Jordan, 1907 Range (in code): **SK HU RO YU HV AL BG GR TR RU MD UA Cm AM Cc GG AZ CY IQ IR Elb Th Kdj 06 13 24 30 33 42 47 49 50 62 65 06R 06Rb 42B 42Ba 65N 65Nc**

237. Zygaena (Agrumenia) loti ([Denis & Schiffermüller], 1775) (Zygaenidae) Synonym(s): loti [Denis & Schiffermüller], 1775; fulvia Fabricius, 1777 Taxref.: Sphinx loti [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 45. Type(s): Vienna district. Range (in code): **ES FR IT GB BE LU DE CH AT PL CZ SK HU RO YU HV B-H MK AL BG Slv GR TR IR GG Sva Sok Abk Aba Cc AM Eri AZ Nv RU Kb Teh Da Kis MD UA Cm BY 04 05 06 08 12 13 14 18 22 23 25 26 28 29 30 31 32 36 37 38 42 44 46 49 53 58 60 62 65 69 71 75 76 78 05A 06C 06Cb 06K 06Kc 06R 06Rd 06Rk 08G 12A 12Ab 14I 14Ib 23I 32C 36D 36Dd 36F 36Fa 44A 44Ab 46F 46Fd 62E 65D 65Dn 65Dt 65F 65Fb 65Fd 65Fp 65Fz 65K 65Kd 65Kg 65N 65Np1 65Np2 65Np7 65Np8 65Nr2 65Nm 75F 76C 76D 76Dd 78D 78Da**

238. Zygaena (Agrumenia) olivieri Boisduval, 1828 (Zygaenidae) Synonym(s): olivieri Boisduval, 1828; cremonae Seitz, 1907 Taxref.: Zygaena olivieri Boisduval, 1828, Essai Monogr. Zygénides: 98 pl. 6 fig. 4. Type: [Liban]: Beirut. Range (in code): **TR Cc GG Akh Smt IR LB Zah Bsa Bei SY AM Alg Eri Zng AZ Nv Ord Kir 01 04 05 06 07 08 11 13 19 23 25 29 30 33 36 38 42 44 46 49 50 58 60 62 65 66 70 73 76 01K 05A 06K 06Kb 07B 07C 08H 08Hc 13G 13Gb 13Ge1 13Ge 33H 42B 42Bb 44L 46G 46L 58N 62E 65D 65Dl 65Dlc 65Do 65Doa 65F 65Fe 70B 70Bb 76C 76D 76Dd**

239. Zygaena (Agrumenia) sedi Fabricius, 1787 (Zygaenidae) Synonym(s): sedi Fabricius, 1787 Taxref.: Zygaena sedi Fabricius, 1787, Mant. Ins. 2: 101, nr. 4. Type(s): Russia meridionali. Range (in code): **BG Slv GR TR Cc UA Cm RU 06 12 36 45 46 49 58 60 65 06K 06Kb 36F 49E 49Ea 60C 65F 65Fe**

240. Zygaena (Mesembrynus) brizae (Esper, 1800) (Zygaenidae) Synonym(s): brizae Esper, 1800 Taxref.: Sphinx brizae Esper, 1800, Schmett. Suppl. 2 (2): 27, pl. 43 figs. 3, 4. Type(s): Ungarn, Ofen. Range (in code): **FR IT AT PL CZ SK HU B-H MK AL GR Cr TR RU AZ Hkd GG Smt Akh Cc Bjo Bku Aba Kir 01 05 08 25 29 33 36 42 49 53 58 60 61 65 66 76 80 05A 08C 76C**

- 241. Zygaena (Mesembrynus) cuvieri Boisduval,1828** (Zygaenidae) Synonym(s): *cuvieri* Boisduval,1828 Taxref.: *Zygaena cuvieri* Boisduval,1828, Essai Monogr. Zygénides: 53, pl.3 fig.6. Syntypes: "Environs d'Amaden, Perse". Range (in code): TR IR Ab Oru Ha Kd IQ Ama Cc AM Eri SY TM Kp LB Bei Bsa AZ Nv Ord 04 13 29 30 36 44 49 65 66 69 73 76 65D 65Dlc 65F 65Fg 65Fo 65Fp 65Fz 65K 65Kd 65Kz 65Kg 65N 65Np 65Np6 65Nm 76C
- 242. Zygaena (Mesembrynus) punctum Ochsenheimer,1808** (Zygaenidae) Synonym(s): *punctum* Ochsenheimer,1808 Taxref.: *Zygaena punctum* Ochsenheimer,1808, Schmett. Eur. 2: 36-38. Type(s): Ungarn. Range (in code): Si IT AT CZ SK HU RO YU AL BG GR Cr Rd TR AZ GG Cc Bjo Smt Akh AM Eri RU Sr 04 05 06 12 13 17 23 33 35 42 44 45 49 51 57 58 60 65 66 70 76 05A 13G 33G 58N 65N 65Np2 65Np7 65Np8 65Nm 70C 70Cb 70D 70Dz
- 243. Zygaena (s.str.) dorycnii Ochsenheimer,1808** (Zygaenidae) Synonym(s): *dorycnii* Ochsenheimer,1808 Taxref.: *Zygaena dorycnii* Ochsenheimer,1808, Schmett. Eur. 2: 69. Syntypes: Russland. Range (in code): TR GG Cc Smt Bjo Len Lag Kir Mng Dar IR Th Ak Mz Gls AM AZ RU MD UA 04 06 08 11 13 14 24 25 28 29 33 36 38 42 43 49 53 57 61 62 69 75 76 06R 06Rd 13G 33G 42B 75F 76C
- 244. Zygaena (s.str.) filipendulae (Linnaeus,1758)** (Zygaenidae) Synonym(s): *filipendulae* Linnaeus,1758; *aries* Retzius,1783 Taxref.: *Sphinx filipendulae* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 494. Range (in code): ES Mu FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG Bjo GG Abk Sok AZ AM DK NO SE FI EE LV LT RU Kc Teb Nt MD UA Kiw BY IR Ak Ab LB Bei Bsa Aiz 01 05 06 08 10 11 13 14 16 18 22 24 25 28 29 30 31 34 36 37 42 43 44 49 50 53 58 60 61 62 65 66 69 70 75 76 78 05A 06R 06Rb 06Rd 10K 10Ka 13G 14I 14Ib 31M 36F 50G 61K 65F 65Fe 65N 65Nr6 65Nm 76C 76D 76Da 78D 78Da
- 245. Zygaena (s.str.) osterodensis H.Reiss,1921** (Zygaenidae) Synonym(s): *osterodensis* H.Reiss,1921 Range (in code): ES FR IT DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Smt Akh DK NO SE FI EE LV RU At Sb Ur Sr Ba MD UA BY MN U-B 13 36 49 53 13G 53M
- 246. Zygaena (s.str.) viciae ([Denis & Schiffermüller],1775)** (Zygaenidae) Synonym(s): *viciae* [Denis & Schiffermüller],1775; *meliloti* Esper,1789; *buglossi* Boisduval,1829 Taxref.: *Sphinx viciae* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 45. Type(s): Vienna district. Range (in code): ES FR Si IT GB BE LU DE CH AT PL CZ SK HU RO YU B-H MK AL BG GR TR IR Mz Gls Cc GG Abk Tbl Aba AZ AM DK NO SE FI EE LV LT RU Da Mah Bgo Kc Teb Nt Sb Ur MD UA BY MN U-B KG DsA UZ 05 06 08 13 18 24 25 28 31 33 38 42 46 49 58 60 71 76 76C

Part 2

Other Pterygota orders

Totally, 299 species of 74 families in 9 pterygot orders are listed below.

Odonata

Currently, a single family is recorded from the province.

- 247. Calopteryx intermedia Selys,1887** (Calopterygidae) Synonym(s): *intermedia* Selys,1887 Range(in code): SY TR IR Cc Fa 01 02 07 11 31 33 35 38 45 46 47 48 49 65 80 31M 49F 49Fb

Dermaptera

Currently, a single family is recorded from the province.

248. Forficula auricularia Linnaeus,1758 (Forficulidae) **Synonym(s):** auricularia Linnaeus,1758; major Degeer,1773; dentata Fabricius,1775; parallela Fabricius,1775; media Marsham,1802; neglecta Marsham,1802; infumata Megerle,1825; forcipata Stephens,1835; borealis Leach,1835; silanoides Karny,1911; caucasica Bei-Bienko,1926 **Range(in code):** **ES FR SK HU BG UA BY RU KG CY TR TM CA US 02 03 05 06 07 08 09 13 14 15 16 17 18 19 21 23 27 28 30 31 33 34 35 37 38 40 42 44 45 46 47 48 49 50 53 55 56 60 61 62 65 67 73 13G 30A 31M 56A 56F 56Fa 65F 65N 65Ne 65Np 65Nm 73G**

Orthoptera

Currently, 4 families are recorded from the province.

249. Acrida bicolor (Thunberg,1815) (Acrididae) **Synonym(s):** bicolor Thunberg,1815; pellucida Klug,1830; stalii Bolivar,1893; orientalis Bolivar,1919; deminula Bolivar,1922; tessellata Sjöstedt,1931; leopoldi Sjöstedt,1934; algeriana Dirsh,1949; bosporica Dirsh,1949; lombardica Dirsh,1949 **Taxref:** Truxalis bicolor Thunberg,1815, Mem. Acad. Imp. Sci. St. Petersburg 5: 211-301. Type ♂: South Africa (UZI). **Range (in code):** **SL BF ZA ZR ET DZ EG FR SE TR Cc GG BF IT 01 03 04 05 06 07 08 10 15 16 18 19 20 22 23 24 25 26 27 31 32 33 34 35 36 38 39 41 42 44 45 46 47 49 50 51 55 57 59 60 62 63 67 71 31B 31E**

250. Acrotylus longipes (Charpentier,1845) (Acrididae) **Synonym(s):** longipes Charpentier,1845; aurifera Walker,1870; collecta Walker,1870 **Range (in code):** **DZ MA GR TR IR Ss PK RU 07 09 16 49 55 49E 49Ed**

251. Aiolopus thalassinus (Fabricius,1781) (Acrididae) **Synonym(s):** thalassinus Fabricius,1781; grossuni Costa,1836; laetum Brullé,1840; flavovirens Fischer von Waldheim,1846; angustifemur Ghiliani,1869; rufipes Ivanov,1888; kivuensis Sjöstedt,1923; acutus Uvarov,1953 **Taxref:** Gryllus thalassinus Fabricius,1781, Species Insectorum 1: 367. Neotype ♂: Switzerland: Locarno, Maggia Delta (BMNH). **Range (in code):** **LY Cy Cn CH GR Rd DE IT AT TR CY Cc GG RU ZR AF CN Ui AL DZ AO BH BW CV CZ EG ET GM GH GN HU IT IR IQ IL Pa IT Sa JO KE LB LY MG MW MA MZ NA NG OM PK PT Md RW SA SN SL SO ZA Nta Tva ES SD CH SZ ZY TZ TG TN UG UZ YE ZM ZW 02 04 07 08 09 16 21 26 31 34 35 39 42 45 46 48 49 55 60 76 08G 08H 21P 31B 31C 31G 31F 31K 31Ka 46A 49F 76E**

252. Arcyptera (Pararcyptera) microptera (Fischer de Waldheim,1833) (Acrididae) **Synonym(s):** microptera Fischer de Waldheim,1833 **Range (in code):** **TR Cc GG CN Ui 04 30 36 49 65 04C 04H 30B 30Bk 36D 49F 65E 65Eb**

253. Calliptamus barbarus (Costa,1836) (Acrididae) **Synonym(s):** barbarus Costa,1836; ictericus Audinet-Serville,1838; sculus Burmeister,1838; cephalotes Fischer von Waldheim,1846; discoidalis Walker,1870; minimus Ivanov,1888; deserticola Vosseler,1902; punctata Kirby,1914; montanus Chopard,1937; pallidipes Chopard,1943; monspelliensis Grassé & Hollande,1945; nanus Mishchenko,1951; parvus Maran,1952; salina Maran,1954 **Taxref:** Acrydium barbarum Costa,1836, Fauna del regno Napoli, Ortotteri: 13. Neotype ♂: Italy, Salentina pen., Puglie reg. (BMNH). **Range (in code):** **MA DZ Bec Bsk Gha Ogl TN LY EG PT ES FR IT Sa CZ SK HU RO BG TR JO IL Pa Cc GG IR AF PK RU Sb KG MN 01 03 04 05 06 07 08 09 10 13 14 15 16 17 19 20 21 22 23 25 26 27 31 32 33 34 35 36 37 38 39 41 42 44 45 46 48 49 50 51 53 55 58 59 60 62 63 64 65 71 78 04C 04E 04F 04H 08A 08H 31C 31F 35T 35U 36D 36Db 46B 49E 49Ed 63C 63E 65D 65N 65Np5 65Nr4 65Nm 76A 76B**

254. Calliptamus coelesyriensis (Giglio-Tos,1893) (Acrididae) **Synonym(s):** coelesyriensis Giglio-Tos,1893; carbonaria Uvarov,1914; angustus Uvarov,1934; anatolicus Maran,1951; hissaricus Mishtchenko,1951; intricatus Mishtchenko,1951; #nigra Bei-Bienko & Richter,1960 **Taxref:** Caloptenus coelesyriensis Giglio-Tos,1893, Boll. Mus. Zool. Anat. Comp. R. Univ. Torino 8 (164): 10. Syntypes: Palestine: "Gerico" (MRSNT, Torino). **Range (in code):** **DZ TR Cc LB SY IL Pa Jer GR BG TM KG IR Ss 01 03 06 07 19 20 23 24 25 27 30 32 33 36 44 46 48 49 51 62 63 65 68 71 24E 27D 44B 44C 44H 44L 44M 46D 49E 49Ed 36D 63C 63E**

255. Calliptamus italicus (Linnaeus,1758) (Acrididae) **Synonym(s):** italicus Linnaeus,1758; germanicus Fabricius,1775; affinis Thunberg,1815; fasciatum Hahn,1836; marginellus Serville,1838; cerisanus Serville,1838; marmoratus Fischer von Waldheim,1846; blandus Ivanov,1888; bilineata Puschnig,1910; anachoretus Baranov,1925; gilvonigrans Voroncovsky,1927; grandis Ramme,1927; reductus Ramme,1927; afghanus Ramme,1952 **Taxref:** Gryllus (Locusta) italicus Linnaeus,1758, Syst. Nat. (Edn.10) 1: 432. Neotype ♂: Italy, Venosa (BMNH). **Range (in code):** **ES FR BE NL DE Co Sa Si IT GR BG RO TR CY Cc AZ AM GG KG RU AF 01 03 04 06 07 08 09 13 14 16 18 25 26 31 33 34 35 36 39 43 44 46 49 52 55 56 59 60 61 63 65 76 77 80 04C 04E 08A 08H 13F 31M 36B 36D 44B 44C 44E 44H 44F 44L 46A 46B 46Bb 56F 56Fç 63C 65D 65Dh 65F 65Fp 65Fz 76A**

256. Calliptamus tenuicercis Tarbinsky,1930 (Acrididae) **Synonym(s):** tenuicercis Tarbinsky,1930; aurantiacus Ramme,1930; iranica Ramme,1930; persa Uvarov,1938; aurantipes Ramme,1951; syriacus Ramme,1951; #tanuicercis Salman,1978 **Taxref:** Calliptamus tenuicercis Tarbinsky,1930, Bull. Acad. Sci. USSR 2: 180, 183. Holotype ♂: Iran, Gandzha (ZIN, St.Petersburg). **Range (in code):** **TR Arr IL Pa IR**

Cc GG Tbl IQ RU LB SY 01 03 04 05 06 07 08 12 13 15 16 17 18 19 20 21 23 24 26 27 31 32 33 34 35 36 38 43 44 45 47 49 50 51 56 60 62 63 65 66 71 76 04C 04E 04H 08H 24E 31B 44B 44C 44H 44E 44F 44Fb 44O 44N 44M 49E 49Ed 63C 63E 65N 65Nr4 65Nm 76B

257. Celes variabilis (Pallas,1771) (Acrididae) **Synonym(s):** variabilis Pallas,1771; rhodoptilus Charpentier,1825; subcoerulipennis Charpentier,1825; #arbonarius Uvarov,1917 **Range(in code):** TR Cc GG Bjo Tbl ES FR RO BG Cc AZ AM GG RU KG 01 04 06 07 16 19 24 25 26 33 34 35 36 38 44 46 49 64 65 75 04E 24E 36D 44C 44B 44H 46A 49A 65D 65N 65Nr4 65Nm 75A 75Ab 75C

258. Chorthippus (s.str.) parallelus (Zetterstedt,1821) (Acrididae) **Synonym(s):** parallelus Zetterstedt,1821; pratorum Fieber,1852; explicatus Selys-Longchamps,1862; nigrolineatus Ivanov,1888; sylvestris Puschnig,1910; montana Chopard,1922; caffra Ramme,1923; fuliginosus Voroncovsky,1928; prasinolateralis Voroncovsky,1928; prasinoperficies Voroncovsky,1928; prasinus Voroncovsky,1928; viridis Voroncovsky,1928; aemulus Mishchenko,1951; geriberti Harz,1962; caffer Harz,1975 **Range(in code):** ES FR GB NO SE DE DK EE LT RO YU HV B-H BG CH AT CZ SK TR Cc UA RU KG Sb 04 06 08 10 14 16 17 18 22 23 25 26 31 32 33 34 35 36 39 41 42 43 44 45 46 49 50 51 54 62 65 71 31M 46A 49E 49Ed

259. Chorthippus (Glyptobothrus) macrocerus (Fischer von Waldheim,1846) (Acrididae) **Synonym(s):** macrocerus Fischer von Waldheim,1846 **Range (in code):** TR Cc GG 31 49 53 55 60 65 49A 49E 49Ed

260. Chorthippus (Glyptobothrus) mollis (Charpentier,1825) (Acrididae) **Synonym(s):** mollis Charpentier,1825 **Range (in code):** TR Cc GG 12 18 19 31 37 44 49 55 31C 44C 44B 44M 44F 44Fb 44H 44N 49E 49Ed 49F

261. Chorthippus (s.str.) albomarginatus (De Geer,1773) (Acrididae) **Synonym(s):** albomarginatus De Geer,1773; elegans Charpentier,1825; tricarinata Stephens,1835; blandus Fischer von Waldheim,1846; hyalosuperficies Voroncovsky,1928; nigrofasciatus Voroncovsky,1928; porphyricus Voroncovsky,1928 **Range(in code):** TR ES FR DE GB NO EE LY RO HV B-H YU CH AT CZ SK HU TM UZ AF CN KP KR JP RU Ur Cc GG IR KG PG 12 16 21 23 30 31 35 44 49 55 62 72 31B 44B 44C 44H 44M 49E 49Ed 72F

262. Chorthippus (s.str.) dichrous (Eversmann,1859) (Acrididae) **Synonym(s):** dichrous Eversmann,1859; australia Predtechenskii,1928 **Range (in code):** AT HU RO IT GR TR Cc GG RO IR RU KG Sb 03 04 06 08 09 10 12 13 14 15 16 18 20 23 24 25 26 32 35 36 38 39 41 42 43 44 46 49 50 51 57 58 59 62 63 65 66 71 58G 58Gj 63B 63C 63E 63G

263. Chorthippus (s.str.) loratus (Fischer von Waldheim,1846) (Acrididae) **Synonym(s):** loratus Fischer von Waldheim,1846; dorsatus Giglio-Tos,1894; brauneri Znojko,1928; dessyi Jannone,1936 **Range (in code):** TR RU Cc GG RO IR KG Sb CN KP KR JP 01 02 03 04 05 06 10 12 13 14 15 16 18 19 21 22 23 26 27 34 35 37 38 39 41 44 45 46 49 50 51 53 55 56 57 59 62 63 65 71 80 21P 44B 44C 44M 44L

264. Dociostaurus (Kazakia) brevicollis (Eversmann,1848) (Acrididae) **Synonym(s):** brevicollis Eversmann,1848; annulipes Türk,1862; #brevicollis Salman,1978 **Range (in code):** CZ YU HU RO TR Cc GG IR RU Sb KG MN 01 03 04 05 06 07 08 10 14 15 16 18 19 23 25 26 31 35 36 38 39 42 44 46 49 50 51 59 60 62 66 67 71 78 04D 04E 04I 08H 31B 31G 36D 44M 44C 44B 44E 44N 44H 46A 46B 46Bb 49A 49E 49Ed

265. Dociostaurus (Notostaurus) anatolicus Krauss,1896 (Acrididae) **Synonym(s):** anatolicus Krauss,1896; castaneopicta Krauss,1896; castaneopictus Jacobson,1905 **Taxref:** Dociostaurus anatolicus Krauss,1896, Zool. Jb. 9: 560. Syntypes ♂♀: Turkey: "Angora" [Ankara]. **Range (in code):** YU GR BG TR Cc GG AZ SY JO IL Pa IR Elb Th 01 02 03 04 05 06 07 08 10 12 13 16 17 18 21 23 24 25 26 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 49 50 51 56 60 62 63 65 66 71 73 76 80 04C 04D 04E 04F 04H 08A 24E 31B 31C 31M 36D 36E 36Ec 44N 44C 44F 44Fb 44H 44B 44M 44E 44L 46A 46B 46Bb 46D 49E 49Ed 65D 65F 65Fp 65Fz 65N 65Np2 65Nm 73A 73Ad 73Ad1 76B

266. Dociostaurus (Stauronotulus) hauensteini (Bolivar,1893) (Acrididae) **Synonym(s):** hauensteini Bolivar,1893; #hauesteini Bolivar,1899; caspicus Ramme,1951 **Taxref:** Stauronotus hauensteini Bolivar,1893, Revue biol.N. Fr. 5: 481-482. Syntypes: [Palestine]: "Ouadys de la mer Morte" (MNMS). **Range (in code):** TR SY LB IQ Cc IR Elb Fa SA IL Pa YE TM KG KK CN KP KR RU JP 01 04 06 08 21 23 25 26 31 33 36 38 42 44 46 49 50 51 58 63 66 71 04D 04E 04I 08H 31B 31G 31M 36D 44C 44B 44L 44M 44F 44Fb 44B 44N 44E 46A 49E 49Ed 49F 63C 63E

267. Dociostaurus (Kazakia) genei (Ocskay,1832) (Acrididae) **Synonym(s):** genei Ocskay,1832; crucigerus Rambur,1838; pygmaeum Fischer,1853 **Range (in code):** PT ES MT FR Sa IT B-H YU HV BG TR IL Pa JO 08 24 27 31 44 46 49 63 76 80 08H 24E 31A 31B 31C 44E 44N 44B 44C 44L 44M 46D 49E 49Ed 76A

268. Euchorthippus pulvinatus (Fischer von Waldheim,1846) (Acrididae) **Synonym(s):** pulvinatus Fischer von Waldheim,1846 **Range(in code):** TR 04 06 34 42 49 62 04C 49E 49Ed

269. Heliapteryx humeralis (Kuthy,1907) (Acrididae) **Synonym(s):** humeralis Kuthy,1907; satunini Uvarov,1914 **Taxref:** Sphingonotus humeralis Kuthy,1907, An. hist.- nat. Mus. Nat. Hung. 5: 431. Syntypes: Asia Minor, Bozanti, Bulgar- Maden (HNHM Budapest). **Range (in code):** TR Cc

AZ AM IR Es AF 01 04 06 08 12 23 24 31 33 36 44 49 63 01H 08A 08H 31F 36D 44C 44F 44Fb 44B 49E 49Ed

270. Heteracris pterostichus (Fischer von Waldheim,1833) (Acrididae) Synonym(s): pterostichus Fischer von Waldheim,1833; dorsatus Fischer von Waldheim,1839; fischeri Fieber,1853 Range (in code): TR Cc AM Eri GG IL Pa IQ IR AF RU KG 01 06 08 21 26 36 44 46 47 49 56 63 65 76 80 08H 21F 21P 36C 36Ca 36D 44B 44C 44F 44Fb 47G 49F 56C 63A 63C 63E 63G 65D 65Dv 76A 76E

271. Oedaleus decorus (Germar,1825) (Acrididae) Synonym(s): decorus Germar,1825 Taxref: Acrydium decorus Germar,1825, Faun. Ins. Eur. fasc. 15: pl. 10, 12, tab.17. Neotype ♂: [Russia]: Dagestan (BMNH). Range (in code): DZ LY ES FR IT Co GR BG RO UA TR RU Us Cc Da GG TM TJ KK KG CN Ui 01 04 05 06 08 13 20 24 26 30 31 34 35 36 42 43 44 45 46 48 49 55 62 63 65 76 78 80 04F 08A 08H 13A 13Ab 13G 13Gw 24E 30B 30Bo 31B 31C 31H 36E 36Ec 44B 44C 44H 44E 44F 44Fb 44L 44N 46A 46B 46Bb 46D 49E 49Ed 65D 65E 65Ea 65F 65Fp 65Fz 65K 65Kz 65Kg 65N 65Np2 65Np4 65Nr2 65Nr4 65Nm 76B

272. Oedipoda aurea Uvarov,1923 (Acrididae) Synonym(s): aurea Uvarov,1923 Taxref: Oedipoda germanica aurea Uvarov,1923, Entomologist's mon. Mag. 3 (9): 32. Holotype ♂: Palestina (BNMH). Range (in code): TR JO Amm IL Pa SY LB GR Ae Le Sms 01 03 04 06 07 10 12 16 20 21 23 24 27 31 33 35 42 43 44 45 49 63 04E 12A 12Ab 24E 31B 31H 44N 44F 44Fb 44C 44C 44B 49F 63E

273. Oedipoda caerulescens (Linnaeus,1758) (Acrididae) Synonym(s): caerulescens Linnaeus,1758; coeruleipenne De Geer,1773; fasciata Stal,1873 Range(in code): MA LY IT Sa ES PT FR DE CZ CH AT EE BY RO BG TR IR RU HU UA Cm Cc GG Tbl KK KG CN Ui 04 05 06 07 08 09 12 13 15 16 18 20 21 30 31 34 35 36 38 43 44 46 48 49 51 55 56 58 60 61 65 67 80 04D 04E 08A 08G 09K 13G 30B 30Br 31B 31C 36C 36D 44C 44H 44O 44B 44N 46A 46B 46Bb 46D 49E 49Ed 56F 58G 58Gj 60G 65D 65Dp 65F 65Fp 65Fz 65N 65Nc 65Np 65Nr2 65Nr4 65Nm

274. Oedipoda germanica (Latreille,1804) (Acrididae) Synonym(s): germanica Latreille,1804; intermedia Ramme,1913 Range (in code): ES FR DE AT TR YU HV 06 08 14 16 35 49 65 08H 35T 49E 49Ed 49F 65K

275. Oedipoda miniata (Pallas,1771) (Acrididae) Synonym(s): miniata Pallas,1771; salinus Gmelin,1790; gratiosa Audinet-Serville,1838; perurbana Steinmann,1965 Range (in code): MA DZ Agi Orn TN LY AL B-H HV MT Sa Si ES MK YU RU GR CY BG TR Cc AZ AM GG TJ KG Aa 02 04 05 06 08 09 12 13 15 16 20 23 24 27 31 33 34 35 36 42 43 44 45 46 49 55 56 57 60 62 63 65 77 78 80 04E 04I 08A 08H 13A 13Ab 13G 24E 27D 31B 31C 31F 31M 33K 33Kb 35T 36D 36Db 44E 44F 44Fb 44C 44H 44O 44L 44M 46A 49E 49Ed 49F 56F 56Fç 56Fm 63C 65F 65Fç 65Fz 65K 65Ku 65N 65Nc 65Np5 65Np8 65Nr4 65Nr6 65Nm

276. Oedipoda schochi Saussure,1884 (Acrididae) Synonym(s): schochi Saussure,1884; caucasica Saussure,1884 Range (in code): TR Cc GG Sn IL Pa JO SY Hal LB IQ IR AF 04 06 07 18 21 24 26 30 36 38 42 43 44 46 49 51 58 63 65 04C 04D 04E 04F 08H 24E 30B 30Bk 36C 36E 36Ec 44L 44B 44H 44C 44F 44Fb 44N 46A 49E 49Ed 58K 63C 63E 65B 65F 65Fp 65Fz 65G 65Gz 65K 65Kz 65Kg 65N 65Nr2 65Nr4 65Nm

277. Pyrgodera armata (Fischer von Waldheim,1820) (Acrididae) Synonym(s): armata Fischer von Waldheim,1820 Taxref: Acrydium armatum Fischer von Waldheim,1820, Ent. ross. 1: 37. Type(s): Russia. Range (in code): TR Cc GG RU KG AF TM IR IQ IL Pa KK 01 02 04 05 06 07 08 12 13 16 19 21 23 25 26 27 30 32 33 36 38 42 44 46 47 49 50 51 56 58 62 63 65 71 76 04I 13B 13G 30B 30Bk 36D 36Db 44C 44B 44O 44L 44F 46A 46B 46Bb 49E 49Ed 56F 63C 65D 65Dç 65G 65Go 65F 65Fz 65K 65Kz 65Kg 65N 65Np4 65Nr3 65Nr4 65Nm 76A

278. Ramburiella (Palaeocesa) turcomana (Fischer von Waldheim,1833) (Acrididae) Synonym(s): turcomana Fischer von Waldheim,1833; formosus Becker,1864 Range(in code): BG GR Cc RU KG UA Cm TR IL Pa SY 01 02 05 06 07 16 17 18 21 23 24 25 26 27 30 31 33 34 36 42 44 46 47 49 50 60 63 65 71 80 24E 31B 31M 36D 44C 44B 44H 44L 46A 46B 46Bb 49E 49Ed 63C 63E 65N 65Np4 65Nr4 65Nm

279. Schistocerca gregaria (Forskal,1775) (Acrididae) Synonym(s): gregaria Forskal,1775; tartaricum Latreille,1804; peregrina Olivier,1804; rufescens Thunberg,1815 Taxref: Gryllus gregarius Forskal,1775, Descr. Animal...: 81. Type ♂: Egypt: Cairo. Range (in code): MR SN GM MA DZ TN LY EG TR CY IL Pa LB JO SY IQ IR SA YE OM SO ET SD TD CM NG NE CI TG NA ZA AF PK 21 27 30 31 35 46 47 49 56 57 58 63 65 35T

280. Sphingonotus (s.str.) rubescens (Walker,1870) (Acrididae) Synonym(s): rubescens Walker,1870 Taxref: Oedipoda rubescens Walker,1870, Zoologist (2) 5: 2301. Range (in code): Cc GG TR 31 35 36 44 45 46 48 49 63 76 31C 31G 31K 31Ka 44M 44B 44H 44C 44E 46D 49D 63C 76A 76E

281. Stenobothrus zubowskyi Bolivar,1899 (Acrididae) Synonym(s): zubowskyi Bolivar,1899 Taxref: Stenobothrus zubowskyi Bolivar,1899, Annls Soc. ent. belg. 43: 588. Syntypes: [Turquie: Kahramanmaraş Prov., Andırın]: "Jenidje-Kalé" (Yenicekale). Range (in code): Cc TR 04 06 12 16 18 19 25 36 38 42 44 46 49 50 51 58 60 71 44M 44N 44H 44C 44O 44F 44Fb 44B 44L 46B 46Bb 49F

282. Melanogryllus desertus (Pallas,1771) (Gryllidae) Synonym(s): desertus Pallas,1771; melas Charpentier,1825; tristis Audinet-Serville,1838; agricola Rambur,1838; alata Ramme,1921 Range(in code): DZ TR Cc RU ES FR AT PL RO IR KG MN 01 02 03 04 05 06 07 08 10 11 12 14 16 18 19 21 22 23 24 25 31 32 34 35

36 37 38 39 40 41 42 43 44 45 46 49 50 51 54 55 57 59 62 63 68 70 71 74 78 80 04C 04H 04I 08A 31B 31M 36D 44C 44H 44B 44L 46B 46Bb 63C

283. Pyrgomorpha guentheri Burr, 1899 (Pyrgomorphidae) Synonym(s): guentheri Burr, 1899; brevipennis Bolivar, 1904; predtetschenskii Bei-Bienko, 1951; ozeki Karabağ, 1953; turcica Karabağ, 1961; #urfenensis Demirsoy, 1977; #guantneri Demirsoy, 1977; #predtetschenskii Demirsoy, 1977 Taxref: Pyrgomorpha guentheri Burr, 1899, J. linn. Soc. Lond. 27: 417. Lectotype ♀: (UMO Oxford). Range (in code): TR Cc GG IR Ab IQ TM IL Pa SY Hal ZM 07 08 24 25 30 31 36 44 46 47 49 56 58 63 65 08H 30C 36D 31B 31H 44B 44C 44E 44F 44L 44N 44O 49E 49Ed 56F 56Fç 58K 63C 63H 65G 65Ga 65K 65Ku

284. Polysarcus zacharovi (Stshelkanovtsev, 1909) (Tettigoniidae) Synonym(s): zacharovi Stshelkanovtsev, 1909 Taxref: Orphanina zacharovi Stshelkanovtsev, 1909, Varsava Izv. Univ. 1909 (6/8): 47. Type: [Georgia]: Manglisi. Range (in code): TR Cc GG Mng 04 30 36 49 76 04I 30B 30Bk 36F 76A

285. Saga ephippigera Fischer von Waldheim, 1846 (Tettigoniidae) Synonym(s): ephippigera Fischer von Waldheim, 1846; syriaca Lucas, 1864; monstrosa Krauss, 1878; uvarovi Ramme, 1951 Taxref: Saga ephippigera Fischer von Waldheim, 1846, Orth Ross.: 185, pl. 30. Type(s): Caucasus. Range (in code): Cc AM Eri AZ Kir Nv Ord GG Aj Btm TR SY Hal LB IL Js Pa JO IR Elb Th IQ Mos Bgd 01 02 04 08 12 13 21 23 24 25 27 30 31 36 38 44 46 47 48 49 56 62 63 65 73 76 80 04E 08A 08G 27D 30C 30Cg 31F 31M 36D 44L 44H 44C 44F 44Fb 56F 56Fg 56Fı 56Fv 63C 63E 65F 65Fp 65Fz 65N 65Np2 65Np4 65Nr4 65Nm 73A 73Ad 73Ad2 76A 76C

286. Uvarovistia (s.str.) satunini (Uvarov, 1916) (Tettigoniidae) Synonym(s): satunini Uvarov, 1916 Range (in code): TR 12 13 21 23 30 49 56 62 65 30B 30Bm 56F 65D 65F 65Fp 65Fz 65N 65Np4 65Nm

Homoptera

Currently, 8 families are recorded from the province.

287. Lepyrionia coleoprata (Linnaeus, 1758) (Cercopidae) Synonym(s): coleoprata Linnaeus, 1758; unifasciata Fabricius, 1781; angulata Fabricius, 1794; grossa Uhler, 1896 Range (in code): Cc AF AL DZ AT BE BG CS DK FI FR DE GR HU IQ IT MN NL NO PL PT RO AM AZ EE TR GG KG KK LV MD RU Sb TJ UA UZ YU 01 03 06 07 08 09 11 16 17 18 19 21 22 24 29 35 36 43 45 46 47 48 49 54 55 56 60 06R 56F 56Fs

288. Kyboasca bipunctata (Oshanin, 1871) (Cicadellidae) Synonym(s): bipunctata Oshanin, 1871; frontalis Lethierry, 1884; punctum Haupt, 1912 (praeocc.); haupti Ribaut, 1933; ulmicola Zachvatkin, 1953 Range (in code): AT CN Mc CS DK? FI DE HU IT MN NL? PL RO AZ GG Cc TR KG KK MD RU Us UA UZ YU 04 05 06 08 11 21 24 32 36 44 49 50 54 56 72 73 76 04E 06R 21N 56B 72E

289. Platymetopius rostratus (Herrich-Schäffer, 1834) (Cicadellidae) Synonym(s): rostratus Herrich-Schäffer, 1834; decipiens Horvath, 1894 Range (in code): AT BG CS FR HU IT RO ES SW Cc AM GG KG KK MD UA UZ YU TR IR 06 21 23 24 25 29 36 49 57 50 76

290. Psammotettix alienus (Dahlbom, 1850) (Cicadellidae) Synonym(s): alienus Dahlbom, 1850; breviceps Kirschbaum, 1868; flavidus Fieber, 1869; karafutonis Matsumura, 1914 Range (in code): AL DZ AT BE BG ES Cn DK EG FI FR DE HU IT LY Md MN NO PL PT RO ES SE TR Cc AZ IR EE KK MD RU Sb UA UZ YU 01 05 06 07 10 14 16 19 21 24 25 30 33 37 41 42 44 47 49 50 54 55 56 57 64 65 66 76 80 06R

291. Selenocephalus armeniacus Lindberg, 1960 (Cicadellidae) Synonym(s): armeniacus Lindberg, 1960 Range (in code): Cc AM TR 02 04 13 21 23 24 29 44 47 49 50 63 65 04D 04Da 13G 65H

292. Cicadatra hyalina (Fabricius, 1798) (Cicadidae) Synonym(s): hyalina Fabricius, 1798; geodesma Kolenati, 1857; taurica Fieber, 1876; virens Fieber, 1876; burriana Horvath, 1912; viridis Haupt, 1917; discrepans Schumacher, 1923; rossica Schumacher, 1923 Range (in code): Cc BG IR IL Pa JO SY TR AM AZ GG RO RU Sb TM UA 02 04 06 07 23 24 29 30 32 35 42 46 49 50 51 56 57 63 65 72 04H 04Hc 49E 49Ea 56F 63D 65E 65F 65K 65Kd 65Kg 65Nr2 65Nm 72E 72F

293. Cicadatra persica Kirkaldy, 1909 (Cicadidae) Synonym(s): lineola Hagen, 1856 (praeocc.); persica Kirkaldy, 1909 Taxref: Cicadatra persica Kirkaldy, 1909, Canad. ent. 41: 391, nr. 110 (nomen novum pro lineola Hagen, 1856). Range (in code): MK Cc IR IL Pa IT SY TR AM AZ GG PK 01 04 06 13 15 29 46 49 65 04E 04Eb 13G 49E 49Ea 65D 65Dç 65Dda 65F 65Fe 65Fp 65Fç 65Fz 65Kd 65Kg 65N 65Nr4 65Nm

294. Pentastira major (Kirschbaum, 1868) (Cixiidae) Synonym(s): major Kirschbaum, 1868; opalinus Fieber, 1876; interjectus Linnavuori, 1957; atratus Dlabola, 1958 Range (in code): Cc AL CY HU IQ IL JO RO SY TR AM GG UA 01 06 07 14 18 19 21 27 28 31 32 35 42 45 46 47 49 51 55 59 60 63 65 66 70 65D

295. Pentastira megista Emeljanov, 1978 (Cixiidae) Synonym(s): megista Emeljanov, 1978 Range (in code): AF AZ BG Cc GR HU RO RU SL SY TR UA YU 01 06 07 18 21 25 42 49 51 66 70

296. Reptalus (s.str.) quinquecostatus (Dufour, 1833) (Cixiidae) Synonym(s): quinquecostatus Dufour, 1833; pallidus Kusnezov, 1937; flavidus Kusnezov, 1937; rufocarinatus Kusnezov, 1937

- Range(in code): Cc AT BE BG CN CZ FR GR HU IT RO ES TR AM GG KG MD RU TJ UA YU 04 05 06 08 11 17 22 23 25 32 34 35 39 44 49 50 55 56 59 60 61 63 65 74 76 81
- 297. Setapius barajus (Dlabola,1957)** (Cixiidae) Synonym(s): barajus Dlabola,1957 Range(in code): Cc AF TR AM GG 01 04 06 16 20 21 23 24 25 29 33 35 44 49 50 55 56 57 58 64 76
- 298. Dictyophara (s.str.) europaea (Linnaeus,1767)** (Dictyopharidae) Synonym(s): europaea Linnaeus,1767; #aeuropaea Petagna,1787; europe Aucher-Elroy,1826; italica Kirschbaum,1868; lutea Lang,1942 Range(in code): Cc AF AL AT BL BG CN Ui CZ FR DE GR HU IT IQ PL PT RO ES SW TN RU TR AM AZ GG KG KK MD UA UZ YU 06 20 21 26 32 35 37 45 48 49 52 55 56 65 76 65F 65Fp 65Fz
- 299. Meenoplus albosignatus Fieber,1866** (Meenoplidae) Synonym(s): albosignatus Fieber,1866 Range(in code): CY GR IL Pa IT JO TR RU Cc YU IQ 02 06 07 10 14 27 30 44 47 49 06R
- 300. Cyamophila glycyrrhizae (Becker,1864)** (Psyllidae) Synonym(s): glycyrrhizae Becker,1864 Range(in code): TR 02 06 08 13 24 25 31 35 36 38 49 56 62 65 71 76
- 301. Ricania aylae Dlabola,1983** (Ricanidae) Synonym(s): aylae Dlabola,1983 Range(in code): TR 23 35 48 49 35U 48G

Hemiptera

Currently, 8 families are recorded from the province.

- 302. Coreus marginatus (Linnaeus,1758)** (Coreidae) Synonym(s): marginatus Linnaeus,1758; auriculatus De Geer,1773; rostratus Goeze,1778; serratum Thunberg,1825; fundator Herrich-Schäffer,1833; longicornis A.Costa,1842; inermis Kolenati,1845; syriacus Blöte,1935 Range(in code): AL AD AT BE B-H BG BY HV CZ DK EE FI FR GB DE GR HU IE IT LT LV MK MD NL NO PL PT RO SK SS ES CH UA YU DZ AZ Cc AM KG GG IL Pa LB SY TR IR Ak Koa IQ TJ RU CN Ui Nra Kun TJ TM UZ KP KR Us JP 01 04 06 08 09 10 11 12 17 20 22 23 25 31 34 35 36 41 48 49 56 65 76 12A 12Ab 31F 31M 56F 56Fa 56F1 65F1 65Fz 76B 76Bd 76Bf 76Bh 76Bm
- 303. Coriomeris affinis (Herrich-Schäffer,1839)** (Coreidae) Synonym(s): affinis Herrich-Schäffer,1839 Range(in code): TR GB SE Cc EG SY 31 49 50
- 304. Coriomeris vitticornis Reuter,1900** (Coreidae) Synonym(s): vitticornis Reuter,1900 Range(in code): IQ Cc TR SY CY CN Ui 24 35 49
- 305. Enoplops disciger (Kolenati,1845)** (Coreidae) Synonym(s): disciger Kolenati,1845 Range(in code): Cc TR IR BG GR MK RO AZ AM GG IQ IL Pa JO SY 01 04 06 15 31 35 36 45 48 49 65 76 31M 65D 65Dn 65F 65Fz 65N 65Nc 65Nc4 65Ns 65Nm 76B 76Bf 76Bh 76Bi
- 306. Geocoris grylloides (Linnaeus,1761)** (Lygaeidae) Synonym(s): grylloides Linnaeus,1761 Range(in code): TR 47 49 73 73F
- 307. Lygaeus equestris (Linnaeus,1758)** (Lygaeidae) Synonym(s): equestris Linnaeus,1758; speciosus Poda,1761; punctumalbum Pollich,1781; lactans Horvath,1899; sicilianus Wagner,1954 Range(in code): AL AT BE B-H BG HV CZ DK DE EE FI FR GB GR HU IT LT MK MD NL? PL PT RO RU SK SS ES SE CH UA YU DZ MA TN LY EG IQ TR AZ Cc AM GG AF PK KG CN CY IR IL Pa JO KK MN Sb Us SY TJ TM UZ 09 13 38 40 44 49 50 56 58 65 73 76 13F 38H 38Hc 40G 40Gb 44L 44Lc 49E 49Ea 56F 58F 58G 58Gg 58Gk 65D 65Dc 65Fz 65Fq 73A 73Ak 73D 73Df 73Dfb 73H 76A 76Ac 76B 76Bf 76Bh 76C
- 308. Rhyparochromus lynceus (Fabricius,1775)** (Lygaeidae) Synonym(s): lynceus Fabricius,1775 Range(in code): DK GB SE NO Cc TR 01 46 49
- 309. Rhyparochromus phoeniceus (Rossi,1794)** (Lygaeidae) Synonym(s): phoeniceus Rossi,1794; autrani Horvath,1897 Range(in code): MA TN AT BE BG B-H HV CZ DK DE FI FR GR MK NL NO PL PT ES RO SK SS CH YU IL Pa Cc TR SY CY 01 06 14 19 22 25 31 32 33 38 45 46 49 51 56 65 67 73 56D 56Dc 65F 65Fz 65D 65Dn 73A 73Ak
- 310. Adelphocoris vandalicus (Rossi,1790)** (Miridae) Synonym(s): vandalicus Rossi,1790; fraxini Fabricius,1794; humuli Schummel,1847; taenioma A.Costa,1853; denigratus Stichel,1930; levis Stichel,1930 Range(in code): IT DE PL FR Co MK TR 01 06 08 10 11 13 14 16 17 22 23 33 34 35 36 37 38 42 46 49 51 54 55 57 59 01L 13G 13Gf 42B 46A
- 311. Brachycoleus steini Reuter,1877** (Miridae) Synonym(s): steini Reuter,1877 Range(in code): TR 03 07 09 10 15 16 17 20 22 27 32 34 35 38 39 42 43 45 46 48 49 51 59 64
- 312. Globiceps horvathi Reuter,1912** (Miridae) Synonym(s): horvathi Reuter,1912 Range(in code): CZ SK HU GR MK SK IT TR 03 06 17 21 22 35 49 59 64
- 313. Oncotylus viridiflavus (Goeze,1778)** (Miridae) Synonym(s): viridiflavus Goeze,1778; nigropunctatus Geoffroy,1785; chloris Gmelin,1790; tanacetii Schrank,1801; trisignatus Assmann,1854; longipes E.Wagner,1954 Range(in code): FR PL GB DE SE MK TR IR Ar Ab Oru 06 31 36 38 42 49 38K 38Ka
- 314. Orthocephalus vittipennis (Herrich-Schäffer,1835)** (Miridae) Synonym(s): vittipennis Herrich-Schäffer,1835; #decipiens Wagner,1942 Range(in code): Cc AM AZ Kir GG Tbl IR Gh KG Aa KK LT MN PL RO RU At At Da Kr Or Om To Tv Ya TR TM UA Cm YU 07 08 11 14 36 49

- 315. Agatharchus (s.str.) herrichi (Kolenati,1846)** (Pentatomidae) Synonym(s): herrichi Kolenati,1846; montanus Jakovlev,1879; jakovleffi Reuter,1881; aemulans Horvath,1897; sobrinus Horvath,1897
Range(in code): **RU Da AZ Kir AM Cc IR GG SY TR 01 21 33 38 42 46 49 70**
- 316. Carpocoris (s.str.) pudicus (Poda,1761)** (Pentatomidae) Synonym(s): pudicus Poda,1761; cinctus Schrank,1776; carnus Gmelin,1790; wilkinsonii Westwood,1837; pallida Dallas,1851 Taxref: Cimex pudicus Poda,1761, Ins. Mus. Graec.: 56. Syntype(s): Österreich, Graz [lost]; Neotype ♂, selected by Tamanini (1958: 375), Österreich, Styria, Peggau (MSNV). Range (in code): **IT Si UA TR AF IL Pa IR Ak Kfr Mz Gor Th Se Kh Gh Ar Zj Cc EG SY 01 02 05 06 07 08 12 13 16 19 21 22 23 27 30 31 34 37 38 41 42 44 46 47 49 50 51 52 55 56 57 58 60 62 65 66 67 70 73 76 78 06K 06Kb 12E 12Eb 13A 13Ab 23C 30B 30Br 38H 38Hc 44A 44Ab 44L 44Lc 56F 56Fp 58G 58Gg 58Gj 58Gk 65D 65Dn 65F 65Fe 65Fz 65N 65Np 65Nm 73A 73Ad 76D 76Dg**
- 317. Cnephosa flavomarginata Jakovlev,1880** (Pentatomidae) Synonym(s): flavomarginata Jakovlev,1880 Taxref: Cnephosa flavomarginata Jakovlev,1880, Trudy Russ. ent. Obschtsch. 11: 211. Range (in code): **AM AZ Cc IR Elb Kdv Th TR 06 17 21 23 24 30 36 45 46 49 51 56 65 73 23I 30C 56F 56Fs 65D 65Dr 65Drc 65Drd 65F 65Fp 65Fz 73A**
- 318. Dolycoris baccarum (Linnaeus,1758)** (Pentatomidae) Synonym(s): baccarum Linnaeus,1758; verbasci De Geer,1773; subater Harris,1780; albidus Gmelin,1790; depressa Westwood,1837; confusa Westwood,1837; inconcisa Walker,1867 Range(in code): **PT ES FR GB BE NL DE DK NO SE FI EE BY UA PL CZ SK HU CH AT SS IT Sa Si AL MK GR BG CY MD RO TR IL Pa SY IQ Cc IN PK CN Ui Ku Kun Um IR Zj Th Elb Ak Kfr Fa Es Gh Ar Kh 01 02 03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 24 25 26 27 30 31 32 33 35 36 37 38 39 41 42 45 46 47 48 49 50 51 52 54 55 56 59 60 63 64 65 67 73 76 13F 30B 30Br 56F 56Fi 65C 65Cb 65D 65Dc 65Fz 65F 65Fp 65Fd 65Fq 65G 65Ga 65Gb 65Gu 65Gv 65Gz 65K 65N 65Nc 65Ku 73D 73Df 73E 76B 76Bf 76Bh 76C**
- 319. Eysarcoris inconspicuus (Herrich-Schäffer,1844)** (Pentatomidae) Synonym(s): inconspicuus Herrich-Schäffer,1844 Range(in code): **NE NG AT HU TR IN PH 01 02 04 06 07 09 14 15 16 17 19 21 22 25 27 31 33 34 35 37 39 41 42 45 46 48 49 50 51 54 56 59 64 67 73 06R 56F**
- 320. Eysarcoris ventralis (Westwood,1837)** (Pentatomidae) Synonym(s): ventralis Westwood,1837; inconspicuus Herrich-Schäffer,1844; pusillus Costa,1847; distactus Dallas,1851; misellus Stal,1854; helferi Fieber,1861; rectipes Ellenrieder,1862; epistomalis Mulsant & Rey,1866; mayeti Mulsant & Rey,1866; pseudoaeneus Jakovlev,1869; simplex Puton,1881; scutellaris Jakovlev,1885; egenus Jakovlev,1900; sindellus Distant,1902; schmidtii Jakovlev,1902; tangens Stichel,1961; confuses Fuente,1972; uniformis Fuente,1972; hispalensis Fuente,1972; luisae Fuente,1972 Range(in code): **TR IR Ak Kfr Ma Kh Ar Gh Gor Ke Elb Mz Se Th Zj Ltf 01 02 04 05 06 07 09 10 14 15 16 17 19 21 22 23 27 31 33 34 35 37 39 42 45 46 48 49 50 51 52 54 55 56 57 59 60 63 64 67 73 74 80**
- 321. Graphosoma (s.str.) stali Horvath,1881** (Pentatomidae) Synonym(s): stali Horvath,1881; alkani Lodos,1959 Taxref: Graphosoma lineata var. stali Horvath,1881, Térmes. Füzetek 5: 39. Syntypes: [Turkey]: "Asia minor [Mardin], Syria [Akbes]" (Mus.Hung). Range (in code): **TR SY IQ IR 21 23 27 31 36 47 49 23I 31M**
- 322. Mustha spinosula (Lefebvre,1831)** (Pentatomidae) Synonym(s): spinosula Lefebvre,1831 Taxref: Halys spinosula Lefebvre,1831, [in] Guérin-Ménéville, Magas. Zool. 1: page & tab.21. Range (in code): **AL GR DE MK BG TR IR Ak Kfr Ab Fa Gh Gor Mz Se Th Kh Cc AZ Kir Nv Ord EG B-H CY GG AM EG TM IQ SY IL Pa 01 05 06 07 08 09 12 16 17 19 22 23 26 27 31 32 33 34 35 36 42 45 46 47 48 49 55 56 60 64 65 73 12A 12Ab 31M 56F 65F 65Fd 65Fp 65Fz 73A 73Ac 73Ac1**
- 323. Pyrrhocoris apterus (Linnaeus,1758)** (Pyrrhocoridae) Synonym(s): apterus Linnaeus,1758; clamariensis Fallén,1829 Range(in code): **AF AL DZ AT BE BG Cc TR FR Co CY CZ DK GB DE GR HU IR Ak IQ IT Sa IL Pa Ch MA MN NL PL PT RO RU Sb YU ES SE CH SY TN TJ US 01 04 06 09 11 16 19 22 23 24 25 26 31 34 35 38 39 42 45 46 49 50 51 55 56 65 72 73 76 31M 56D 56Dc 65D 65Dn 65N 65Nc 65Ng**
- 324. Rhynocoris ibericus (Kolenati,1856)** (Reduviidae) Synonym(s): morio Kolenati,1857 nec Grm.,1838; ibericus Kolenati,1856; kolenatii Reuter,1881 Range(in code): **RU Da Cc GG IR SY TR GR CN Ui TM 01 04 08 12 23 25 33 34 35 42 49 51 62 76 76D**
- 325. Reduvius pallipes Klug,1830** (Reduviidae) Synonym(s): pallipes Klug,1830; thoracicus Stal,1855; testaceus Fieber Taxref: Reduvius (Opsicoetus) pallipes Klug,1830, Symb. phys. 2: 22, Taf. 9 fig.3. Range (in code): **BG IT Si MK MT GR Rd CY TR IQ Bgd SY SA Cr DZ TN LY EG Sn IL Pa LB Bei IR Kh PK 01 05 06 08 09 16 21 23 27 31 33 35 40 42 44 45 46 49 50 56 58 65 66 68 73 80 50G 50Gb 56F 65K 73A 73Ad 73Ad2**
- 326. Eurygaster austriaca (Schrank,1776)** (Scutelleridae) Synonym(s): austriaca Schrank,1776 Range(in code): **Cc TR UA Cm 01 02 06 07 10 11 17 22 25 26 32 33 34 35 39 42 46 49 61 62 70 71 76 78**
- 327. Odontotarsus purpureolineatus (Rossi,1790)** (Scutelleridae) Synonym(s): purpureolineatus Rossi,1790; lutescens Fieber,1861; rugicollis Jakovlev,1884; insignis Jakovlev,1908; #confluens Hoberlandt,1944 Range(in code): **DE CZ TR IL Pa IR Cc Th Elb Kh Ar Gh SK SY TM UA Cm 01 02 06 07**

08 11 16 17 21 22 25 27 32 33 36 38 46 49 53 56 58 63 65 69 73 76 56F 58G 58Gj 65F 65Fe 65Fz 65N 65Np1 65Nm

328. Psacasta (s.str.) exanthematica (Scopoli,1763) (Scutelleridae) Synonym(s): exanthematica Scopoli,1763; pedemontanus Fabricius,1781; allioni Gmelin,1790; herculeana Horvath,1891; pallida Reuter,1902; simillima Horvath,1917; #versicolor Stichel,1960 Range(in code): **IL Pa SY Cc UA Cm TR IR Zj Th Mz Elb SY EG IQ CY EG Nv AM AZ 01 06 07 12 14 16 18 19 22 23 25 27 31 33 35 36 38 40 42 46 49 56 62 31M 46B 46Bb 56F 56Fb 56Fm**

329. Dicranocephalus agilis (Scopoli,1763) (Stenocephalidae) Synonym(s): agilis Scopoli,1763; quinquenotatus Goeze,1778; nugax Fabricius,1781; monilis Geoffroy,1785; geoffroy Petagna,1787; multicolor Gmelin,1790; nussax Gmelin,1790; celer Gmelin,1790; melanochros Gmelin,1790; mexicanus Ashmead,1886; crassicornis Horvath,1887; femoralis Noualhier,1893; femoratus Puton,1899; robustus Jakovlev,1901; moralesi Wagner,1950; africanus Stichel,1959; litoralis Linnavuori,1960 Range(in code): **IL Pa TR CY Cc ... 06 14 16 34 36 38 49 65 76 65F 65Fz 76D 76Dh**

330. Dicranocephalus albipes (Fabricius,1781) (Stenocephalidae) Synonym(s): albipes Fabricius,1781; leucopus Gmelin,1790; neglectus Herrich-Schäffer,1835 Range(in code): **IQ Cc TR IR GB ... 01 06 14 16 25 26 31 36 49 65 31F 65N 65Np2 65Nm**

Planipennia (s.l.)

Currently, 4 families are recorded from the province.

331. Nyрма kervillea Navas,1933 (Berothidae) Synonym(s): kervillea Navas,1933 Range(in code): **TR 35 49**

332. Nemoptera coa (Linnaeus,1758) (Nemopteridae) Synonym(s): coa Linnaeus,1758; petiveri Westwood,1841 Range(in code): **GR TR Cc 01 16 34 35 48 49**

333. Nemoptera sinuata Olivier,1811 (Nemopteridae) Synonym(s): sinuata Olivier,1811 Range(in code): **YU RO GR BG TR SY Cc IR 01 02 05 06 07 08 09 10 11 13 14 15 16 19 20 25 30 31 32 33 34 35 36 37 38 42 43 46 48 49 56 60 62 63 65 68 30B 30Bc 30Bc1 56F 65D 65Dn 65Do 65Doa 65F 65Fp 65Fz**

334. Raphidia (Pontoraphidia) pontica Albarda,1891 (Raphidiidae) Synonym(s): pontica Albarda,1891 Range(in code): **AM Cc TR 02 05 06 12 13 14 29 30 32 33 36 38 49 51 58 65 69 76**

335. Raphidia (Turcoraphidia) acerba H.Aspöck & U.Aspöck,1966 (Raphidiidae) Synonym(s): acerba H.Aspöck & U.Aspöck,1966 Range(in code): **TR Cc AZ Nv AM 06 29 49 06R**

336. Sialis nigripes Pictet,1865 (Sialidae) Synonym(s): nigripes Pictet,1865 Range(in code): **ES GB IE FR BE NL DK PL CZ CH AT IT SS HV HU BG TR 12 38 46 49 58 12E 46F 49E 49Ea 58G 58Gg**

Diptera

Currently, 8 families are recorded from the province.

337. Blepharicera fasciata (Westwood,1842) (Blephariceridae) Synonym(s): fasciata Westwood,1842 Range(in code): **PT ES IT GR TR LB IR 08 09 10 14 16 17 24 25 28 30 31 32 35 37 39 41 42 44 45 48 49 52 53 58 61 62 80**

338. Bombylius (s.str.) posticus Fabricius,1805 (Bombyliidae) Synonym(s): micans Meigen,1804 nec Fabr.,1798; posticus Fabricius,1805; vulpinus Wiedemann,1820; fugax Wiedemann,1820; tibialis Walker,1849; desertorum Paramonov,1926; palaestinus Paramonov,1926 Range(in code): **AF AL DZ AM AZ Cc AT BE B-H BG HV CY CZ DK EG FR DE GR GG HU IR Ab Oru IQ IT Sa Si KG MK MD MA PL RO PT RU SK SS ES CH SY TJ TN TR TM UA 07 13 17 32 33 35 48 49 51 13G 13Gw**

339. Systoechus gradatus (Wiedemann,1820) (Bombyliidae) Synonym(s): gradatus Wiedemann,1820; leucophaeus Wiedemann,1820; lucidus Loew,1855; gallicus Villeneuve,1904; tesquorum Becker,1916; validus Bezzi,1925 Range(in code): **IT Si AF AM AT Cc AZ GG B-H BG CN Ui HV EG FI FR Co DE GR HU IR KK KG MK MD MA PL RO RU SS SE TJ TN TR TM UA UZ YU 01 02 13 17 25 26 38 44 49 51 70 13G 13Gw**

340. Suillia pallida (Fallén,1820) (Heleomyzidae) Synonym(s): pallida Fallén,1820 Range(in code): **ES FR GB BE NL DK DE PL EE NO SE FI RU UA CZ SK HU RO CH AT IT BG GR TR 49**

341. Basilia mongolensis Theodor,1966 (Nycteribiidae) Synonym(s): mongolensis Theodor,1966 Range(in code): **BG GR YU AT TR MN 15 49**

342. Silvius (s.str.) algirus Meigen,1930 (Tabanidae) Synonym(s): algirus Meigen,1930; bicolor Bigot,1892 Range(in code): **MA DZ FR YU BG AL GR TR 01 02 22 33 34 39 49 59**

343. Silvius (s.str.) alpinus (Scopoli,1763) (Tabanidae) Synonym(s): alpinus Scopoli,1763; italicus Fabricius,1781; vituli Fabricius,1805; alpinus Drapiez,1819; decius Walker,1848; hirtus Loew,1858 Range(in code): **MA DZ IT UA RU FR DE PL SS TR 01 08 10 14 16 17 22 33 34 39 43 49 59**

- 344. Chrysops (s.str.) caecutiens (Linnaeus,1758)** (Tabanidae) Synonym(s): caecutiens Linnaeus,1758; ludens Loew,1858 Range(in code): **PT ES FR IE GB BE NL DK DE EE BY NO SE FI RU PL CZ SK AT HU CH IT Sa Si MT Cr Rd GR YU B-H HV SS AL MK BG RO UA TR 02 03 04 06 07 08 10 11 12 14 15 17 22 25 26 31 33 34 36 39 42 48 49 50 55 58 59 60 67 70 73 74 77 78 81 04C 04Cc 31A 31E 48F**
- 345. Hybomitra decora (Loew,1858)** (Tabanidae) Synonym(s): decora Loew,1858; defasciata Szilady,1923; amani Szilady,1926 Range(in code): **TR IL Pa LB JO IQ SY GR Cr BG 14 21 25 31 34 36 38 47 49 56 59 63**
- 346. Tabanus anatolicus Osufjev, Moucha & Chvala,1967** (Tabanidae) Synonym(s): anatolicus Osufjev, Moucha & Chvala,1967 Range(in code): **TR 01 02 30 31 36 49 30D 30Dt**
- 347. Tabanus autumnalis Linnaeus,1761** (Tabanidae) Synonym(s): autumnalis Linnaeus,1761; bovinus Harris,1776 nec L.,1758; molestans Becker,1914; brunnescens Szilady,1914; guttiventris Enderlein,1925 Range(in code): **TR SE RU IQ IR AF CN MN MA DZ TN ES 01 02 03 05 06 08 09 10 11 14 15 16 17 18 21 22 23 24 25 26 30 33 34 35 36 39 42 43 44 45 46 48 49 50 51 53 57 59 62 64 66 67 76 78 81 23D 23F 30D 30Dt**
- 348. Tabanus bromius Linnaeus,1758** (Tabanidae) Synonym(s): bromius Linnaeus,1758; maculatus De Geer,1776; scalaris Meigen,1820; glaucus Meigen,1820; connexus Walker,1856; antophilus Loew,1858; glaucescens Schiner,1862; flavofemoratus Strobl,1909; nigricans Szilady,1914; simplex Muschamp,1939 Range(in code): **TN ES FR IT DE GR TR RU AF 01 02 03 04 05 06 07 08 09 10 11 12 14 16 17 18 19 20 21 22 23 25 26 28 29 30 31 32 33 35 36 38 39 40 42 43 44 46 49 50 51 52 53 54 55 56 57 58 59 61 65 67 68 69 73 74 77 78 81 06R 30D 30Dt 31A 65K 65Kd 65Kg**
- 349. Tabanus glaucopis Meigen,1820** (Tabanidae) Synonym(s): ferrugineus Meigen,1804 nec Ström,1768; glaucopis Meigen,1820; lunulatus Meigen,1820; chlorophthalmus Meigen,1820; flavicans Zeller,1842; cognatus Loew,1858; castellanus Strobl,1906; rubra Muschamp,1939 Range(in code): **GB DE NL BE PL CZ CH AT HU FR IT YU RO BG AL GR RU TR IR MN CN 06 08 10 11 17 22 26 30 31 33 34 35 36 39 42 43 45 49 51 55 57 59 65 67 74 78 81 30D 30Dt 31A 31B 65D**
- 350. Haematopota crassicornis Wahlberg,1848** (Tabanidae) Synonym(s): crassicornis Wahlberg,1848; #grseopunctata Olsufjev,1977 Range(in code): **NO SE GB IE BE NL DK DE PL CZ SK HU CH AT RO FR IT YU Cc GG AZ AM RU TR 01 08 10 11 14 16 17 22 23 25 26 39 42 43 49 50 59**
- 351. Dasyrhamphis umbrinus (Meigen,1820)** (Tabanidae) Synonym(s): umbrinus Meigen,1820; istriensis Meigen,1820; maculipennis Brullé,1832; atavina Enderlein,1925 Range(in code): **IT Si AT AL YU BG RO GR SY TR IL Pa LB RU 01 03 06 10 11 14 16 17 18 19 22 24 25 26 29 30 31 33 34 35 36 38 39 40 42 43 44 45 49 50 51 55 58 59 64 66 67 74 77 78 80 31E**
- 352. Philipomyia aprica (Meigen,1820)** (Tabanidae) Synonym(s): aprica Meigen,1820; infuscatus Loew,1858 Range(in code): **BE DE PL CZ CH AT HU PT ES FR IT YU RO BG AL GR GG Cc AZ AM TR RU IR 03 06 07 08 10 11 12 16 25 26 30 31 33 34 36 37 39 42 43 49 57 59 67 70 73 74 77 78 81 30D 30Dt 31E**
- 353. Gonia maculipennis Egger,1862** (Tachinidae) Synonym(s): maculipennis Egger,1862 Taxref: Gonia maculipennis Egger,1862, Verh. zool.- bot. Ges. Wien 12: 783. Syntypes: "Hungaria, Asia minor". Range (in code): **ES HU UA CY TR IL Pa TM 06 21 49 56 65 73 76 06K 06Kc 21P 56F 65D 65Dv 65N 65Nc 65Np5 65Nm 76B 76Bb**
- 354. Nephrotoma appendiculata (Pierre,1919)** (Tipulidae) Synonym(s): maculata Meigen,1804; maculosa Meigen,1818; appendiculata Pierre,1919 Range(in code): **AL AT BY BE B-H BG HV CZ DK EE FI FR DE GB GR HU IE IT Sa LT LV LX MK YU NL NO PL RO SK SS ES SE CH UA RU GG AM AZ IR TR Cc 03 06 13 37 42 48 49 53**
- 355. Nephrotoma croceiventris (Strobl,1909)** (Tipulidae) Synonym(s): croceiventris Strobl,1909 Range(in code): **TR 04 06 13 14 30 36 38 42 46 48 49 51 53 58 65**
- 356. Nephrotoma scalaris (Meigen,1818)** (Tipulidae) Synonym(s): scalaris Meigen,1818; imperialis Meigen,1818 Taxref: Tipula scalaris Meigen,1818, Syst. Besch. 1: 195. Range (in code): **TR Cc UA GG AZ AM AL AD AT BY BE B-H BG HV CZ DE FR DE GR Cr Rd HU IT Si LT MK YU NL PL RO SY LB IR RU Sb Us SK SS ES SE CH KG TM UZ TJ KK AF MN CN IN PK 03 07 09 10 13 16 17 25 28 31 35 38 47 48 49 53 61 65**
- 357. Tipula (Acutipula) latifurca Vermoolen,1983** (Tipulidae) Synonym(s): latifurca Vermoolen,1983 Range(in code): **MK GR BG LB TR 01 03 06 07 13 15 30 32 38 42 48 49 53 61 65 13G 65E**
- 358. Tipula (s.str.) orientalis Lackschewitz,1930** (Tipulidae) Synonym(s): orientalis Lackschewitz,1930 Taxref: Tipula orientalis Lackschewitz,1930, Konowia 9: 272. Range (in code): **AL AT B-H BG HV CZ FR GR Rd HU IT Si MK MD YU RO SK SS CH EG GG AM AZ Cc TR CY SY LB IL Pa JO IR SA YE KG TM AF SD 02 03 6 07 08 09 13 15 17 25 32 33 35 38 42 48 49 52 57 58 65**
- 359. Tipula (Yamatotipula) caesia Schummel,1833** (Tipulidae) Synonym(s): caesia Schummel,1833 Range(in code): **Cc TR 03 06 13 15 20 25 42 48 49**
- 360. Herina rajabii Namin & Kameneva,2013** (Ulidiidae) Synonym(s): rajabii Namin & Kameneva,2013 Range(in code): **TR IR Elb 49**

Hymenoptera

Currently, 15 families are recorded from the province.

- 361. Andrena (Aciandrena) lamiana Warncke,1965** (Andrenidae) Synonym(s): lamiana Warncke,1965 Range(in code): **TR GR Ae Le Cr CY 24 25 49 62**
- 362. Andrena (Aenandrena) bonasia Warncke,1969** (Andrenidae) Synonym(s): bonasia Warncke,1969; naevia Warncke,1969 Range (in code): **TR IL Pa 25 49 25K**
- 363. Andrena (Carandrena) falcinella Warncke,1969** (Andrenidae) Synonym(s): falcinella Warncke,1969 Range(in code): **TR LB IL Pa 25 49 25K**
- 364. Andrena (Carandrena) nubica Warncke,1975** (Andrenidae) Synonym(s): nubica Warncke,1975 Range(in code): **TR IL Pa 25 49 25K**
- 365. Andrena (Carandrena) purpureomicans Alfken,1935** (Andrenidae) Synonym(s): purpureomicans Alfken,1935 Range(in code): **TR 25 49 25F**
- 366. Andrena (Chlorandrena) panurgimorpha Mavromoustakis,1957** (Andrenidae) Synonym(s): panurgimorpha Mavromoustakis,1957 Range(in code): **GR Ae Le Cr CY TR LB IL Pa 25 49 25F**
- 367. Andrena (Cordandrena) cordialis Morawitz,1878** (Andrenidae) Synonym(s): cordialis Morawitz,1878 Range(in code): **GR Cr TR 25 49 76 25C 25K 76B**
- 368. Andrena (Cordandrena) cypria Pittioni,1950** (Andrenidae) Synonym(s): cypria Pittioni,1950 Range(in code): **TR CY IL Pa JO 25 49**
- 369. Andrena (Cryptandrena) clypeata Brullé,1832** (Andrenidae) Synonym(s): clypeata Brullé,1832 Range (in code): **TR 25 49 25K**
- 370. Andrena (Fumandrena) immaculata Warncke,1975** (Andrenidae) Synonym(s): immaculata Warncke,1975 Range(in code): **TR IL Pa 25 49 25K**
- 371. Andrena (Holandrena) decipiens Schenck,1859** (Andrenidae) Synonym(s): decipiens Schenck,1859 Range(in code): **GR TR 25 49**
- 372. Andrena (Holandrena) forsterella Osytshnjuk,1978** (Andrenidae) Synonym(s): forsterella Osytshnjuk,1978 Range(in code): **GR CY TR LB IL Pa 25 49 62 25C 25F 25K**
- 373. Andrena (Holandrena) labialis (Kirby,1802)** (Andrenidae) Synonym(s): labialis Kirby,1802; megala Warncke,1975 Range(in code): **TR SS GR Ae Le Cr SY IR 23 25 36 49 62 69 76 25C 25D 25E 25F 25I 25K 25R 76B**
- 374. Andrena (Lepidandrena) florivaga Eversmann,1852** (Andrenidae) Synonym(s): florivaga Eversmann,1852 Range(in code): **SS TR 25 49 25C 25F 25K**
- 375. Andrena (Leucandrena) parviceps Kriechbaumer,1873** (Andrenidae) Synonym(s): parviceps Kriechbaumer,1873 Range(in code): **GR TR 25 49 25K**
- 376. Andrena (Micrandrena) incognita Warncke,1975** (Andrenidae) Synonym(s): incognita Warncke,1975 Range(in code): **TR 49**
- 377. Andrena (Micrandrena) minutula (Kirby,1802)** (Andrenidae) Synonym(s): minutula Kirby,1802; parvula Kirby,1802; nigrifrons Smith,1853 nec. Ev.,1852; gilvifrons Pérez,1903; lenis Pérez,1903; dargia Warncke,1965; alga Warncke,1974; #minutula Özbek,1976 Range(in code): **DZ FR GB TR SS GR Ae Le Cr CY PK Bl 25 49 25K**
- 378. Andrena (Micrandrena) niveata Friese,1887** (Andrenidae) Synonym(s): niveata Friese,1887; bubulca Warncke,1975 Range(in code): **TR 25 49**
- 379. Andrena (Notandrena) nitidiuscula Schenck,1853** (Andrenidae) Synonym(s): nitidiuscula Schenck,1853; nigellata Pérez,1895 Range(in code): **GR TR LB IL Pa EG 25 49 25K**
- 380. Andrena (Notandrena) recurvirostra Warncke,1975** (Andrenidae) Synonym(s): recurvirostra Warncke,1975 Range(in code): **TR 25 49 25K**
- 381. Andrena (Orandrena) garrula Warncke,1965** (Andrenidae) Synonym(s): garrula Warncke,1965; lomvia Warncke,1969 Range(in code): **TR GR IL Pa JO 25 49 25K**
- 382. Andrena (Parandrenella) dentiventris Morawitz,1874** (Andrenidae) Synonym(s): dentiventris Morawitz,1874 Range(in code): **TR 25 49**
- 383. Andrena (Plastandrena) bimaculata (Kirby,1802)** (Andrenidae) Synonym(s): bimaculata Kirby,1802 Range (in code): **SS GR CY TR IL Pa 09 24 25 49**
- 384. Andrena (Plastandrena) carbonaria (Linnaeus,1767)** (Andrenidae) Synonym(s): carbonaria Linnaeus,1767 Range (in code): **TR 12 23 25 29 49 62 25A 25D 25E 25F 25K 25L 25R 25O**

- 385. *Andrena (Plastandrena) tibialis* (Kirby,1802)** (Andrenidae) Synonym(s): *tibialis* Kirby,1802; *vindobonensis* Stoeckert,1950; *porzana* Warncke,1975; *concreta* Warncke,1975 Range(in code): **GR TR 05 07 25 38 49 75 25K**
- 386. *Andrena (Poecilandrena) hybrida* Warncke,1975** (Andrenidae) Synonym(s): *hybrida* Warncke,1975; *tauriensis* Waencke,1975 Range(in code): **TR 25 49**
- 387. *Andrena (Simandrena) dorsata* (Kirby,1802)** (Andrenidae) Synonym(s): *dorsata* Kirby,1802 Range(in code): **SS GR TR LB IL Pa 12 24 25 36 49 25K 36D**
- 388. *Andrena (Taeniandrena) ovatula* (Kirby,1802)** (Andrenidae) Synonym(s): *ovatula* Kirby,1802; *poupillieri* Dours,1872; *heliopis* Friese,1914 Range(in code): **SS GR Ae Le Cr CY TR IL Pa EG LY 23 25 49 62 69 25C 25D 25E 25F 25K 25M**
- 389. *Andrena (Truncandrena) truncatilabris* Morawitz,1877** (Andrenidae) Synonym(s): *truncatilabris* Morawitz,1877 Range(in code): **SS GR Ae Le Cr CY TR SY LB IL Pa 25 36 49 25C 25E 25F 25K 25I 25R**
- 390. *Andrena (Zonandrena) soror* Dours,1872** (Andrenidae) Synonym(s): *soror* Dours,1872 Range(in code): **TR 25 36 49 69 25C 25D 25E 25F 25K 25R 25M 36D**
- 391. *Anthophora crinipes* Smith,1854** (Apidae) Synonym(s): *crinipes* Smith,1854 Range(in code): **ES FR CH AT Sa Si CZ SK SS HU RO RU IT TR 25 49**
- 392. *Anthophora (s.str.) fulvitaris* Brullé,1832** (Apidae) Synonym(s): *fulvitaris* Brullé,1832 Range(in code): **ES FR DE CH IT Co Si RU RO GR TR 25 49 25R**
- 393. *Anthophora rogenhoferi* Morawitz,1872** (Apidae) Synonym(s): *rogenhoferi* Morawitz,1872 Range(in code): **TR 49**
- 394. *Bombus (Thoracobombus) sylvarum* (Linnaeus,1761)** (Apidae) Synonym(s): *sylvarum* Linnaeus,1761 Range(in code): **TR 01 04 06 07 08 12 13 24 25 29 33 36 38 40 44 49 51 53 58 60 62 65 66 69 75 76 65C**
- 395. *Bombus (Thoracobombus) ruderarius* (Müller,1776)** (Apidae) Synonym(s): *runderarius* Müller,1776 Range(in code): **TR 01 02 03 04 06 08 12 13 20 24 25 32 33 36 38 42 49 51 53 55 58 60 62 65 66 69 70 75 76 65C**
- 396. *Bombus (Thoracobombus) zonatus* Smith,1854** (Apidae) Synonym(s): *zonatus* Smith,1854 Range(in code): **GR MK YU RO UA Cm Cc RU AM AZ IR Ak Ab TR 01 02 04 05 06 07 08 13 11 13 15 16 18 19 20 23 24 25 26 29 30 31 32 33 36 37 38 42 44 49 50 51 58 62 65 66 68 69 70 75 76 13F 50G 65F 65Fp 65Fz 65Nc 65N 65Nb**
- 397. *Bombus (Megabombus) humilis* (Illiger,1806)** (Apidae) Synonym(s): *humilis* Illiger,1806; *solstitialis* Jurine,1807; *helferanus* Seidl,1837; *variabilis* Schmiedeknecht,1978 Range(in code): **FR TR Cc PL 06 16 18 25 37 49 75**
- 398. *Tetraloniella inulae* Tkalcu,1979** (Apidae) Synonym(s): *inulae* Tkalcu,1979 Range(in code): **TR 25 49**
- 399. *Tetralonia persica* Friese,1895** (Apidae) Synonym(s): *persica* Friese,1895 Range(in code): **TR IR 49**
- 400. *Tetralonia vicina* Morawitz,1876** (Apidae) Synonym(s): *vicina* Morawitz,1876 Range(in code): **TR 13 49 65**
- 401. *Eucera caerulescens* Friese,1899** (Apidae) Synonym(s): *caerulescens* Friese,1899 Range(in code): **TR 49**
- 402. *Eucera clypeata* Erichson,1835** (Apidae) Synonym(s): *clypeata* Erichson,1835; *similis* Lepeletier,1841 Range(in code): **TR 25 36 38 49 65 69**
- 403. *Eucera furfurea* Vachal,1907** (Apidae) Synonym(s): *furfurea* Vachal,1907 Range(in code): **TR 25 49**
- 404. *Eucera longicornis* (Linnaeus,1758)** (Apidae) Synonym(s): *longicornis* Linnaeus,1758 Range(in code): **TR 25 49**
- 405. *Eucera nigrifacies* Lepeletier,1841** (Apidae) Synonym(s): *nigrifacies* Lepeletier,1841 Range(in code): **TR 24 25 49**
- 406. *Eucera sogdiana* Morawitz,1875** (Apidae) Synonym(s): *sogdiana* Morawitz,1875 Range(in code): **TR 49**
- 407. *Eucera squamosa* Lepeletier,1841** (Apidae) Synonym(s): *squamosa* Lepeletier,1841 Range(in code): **TR 49**
- 408. *Eucera tegularis* Morawitz,1875** (Apidae) Synonym(s): *tegularis* Morawitz,1875 Range(in code): **TR 49**
- 409. *Nomada kervilleana* Pérez,1913** (Apidae) Synonym(s): *kervilleana* Pérez,1913 Range(in code): **TR SY IL Pa 16 25 36 49**

- 410. *Nomada ovaliceps* Schwarz,1981** (Apidae) **Synonym(s):** *ovaliceps* Schwarz,1981 **Taxref:** *Nomada ovaliceps* Schwarz,1981, Entomofauna 2 (28): 385-389. Holotype ♂: Türkiye, Çanakkale, Ayvalık (BMNH). **Range (in code):** **TR IL Pa Js 16 49 51**
- 411. *Glyptomorpha pectoralis* (Brullé,1832)** (Braconidae) **Synonym(s):** *desertor* Fabricius,1775; *pectoralis* Brullé,1832; *tuberculosis* Brullé,1846; *aliricus* Lucas,1849; *intermedius* Szepligeti,1901; *smenus* Cameron,1904; *nursei* Cameron,1906; *unicolor* Cameron,1906; *desectus* Bradley,1919 **Range (in code):** **DZ TR MY Bor ID PK IN CN Cc TR RU MN KG 01 02 03 05 06 07 08 10 11 15 17 18 19 22 23 24 25 26 29 31 32 33 35 37 38 39 42 44 47 49 55 56 57 58 59 60 62 66 70**
- 412. *Hedychridium coriaceum* Dahlbom,1850** (Chrysididae) **Synonym(s):** *coriaceum* Dahlbom,1850 **Range (in code):** **TR 25 49 49E 49Ea**
- 413. *Gorytes quinquecinctus* (Fabricius,1793)** (Crabronidae) **Synonym(s):** *quinquecinctus* Fabricius,1793 **Range (in code):** **TR 02 04 07 08 24 25 26 30 31 34 35 36 37 49 50 57 59 63 65 69 72 76**
- 414. *Psammaecius punctulatus* (Vander Linden,1829)** (Crabronidae) **Synonym(s):** *punctulatus* Vander Linden,1829 **Range (in code):** **TR 06 08 10 18 20 24 25 33 35 36 42 43 49**
- 415. *Oxybelus lineatus* (Fabricius,1787)** (Crabronidae) **Synonym(s):** *lineatus* Fabricius,1787 **Range (in code):** **TR 06 08 13 25 36 49 69 71**
- 416. *Andricus anatolicus* Melika, Mutun & Dinç,2014** (Cynipidae) **Synonym(s):** *anatolicus* Melika, Mutun & Dinç,2014 **Range (in code):** **TR 13 29 49**
- 417. *Evania schlettereri* Kohl,1906** (Evaniiidae) **Synonym(s):** *schlettereri* Kohl,1906 **Range (in code):** **TR Cc IR 44 49**
- 418. *Barylypa delictor* (Thunberg,1822)** (Ichneumonidae) **Synonym(s):** *delictor* Thunberg,1822 **Range (in code):** **TR Cc KK KG TJ 22 25 49**
- 419. *Anthidium* (s.str.) *diadema* Latreille,1809** (Megachilidae) **Synonym(s):** *diadema* Latreille,1809; *ornatum* Lepeletier,1841; *albiventris* Lepeletier,1841; *radoszowskyi* Mocsary,1887; *seraxense* Radoszowski,1893; *terminale* Morawitz,1894; *caucasicum* Friese,1897 **Range (in code):** **DZ ES FR TR RU HU TM CN Ui UZ Cc LY Cy HV GR Cr CY BG IL Pa IQ LB 03 04 05 06 07 08 24 25 26 30 31 34 38 42 49 50 58 63 65 69 70 06R 08H 24K 25F 30D 42B 58G 63D 65F**
- 420. *Chalicodoma* (s.str.) *parietina* (Geoffroy,1785)** (Megachilidae) **Synonym(s):** *parietina* Geoffroy,1785 **Range (in code):** **DZ FR DE PL UA CZ SK HU CH AT SS IT Sa Si GR RU Cc TR IL Pa 13 24 25 36 42 49 65 13F 65N 65Nr3 65Nm**
- 421. *Creightonella* (Metamegachile) *albisecta* (Klug,1817)** (Megachilidae) **Synonym(s):** *albisecta* Klug,1817 **Range (in code):** **RU DZ Cc TR 07 09 13 24 25 30 33 35 42 49 57 76 13G 25K 30B 30Be**
- 422. *Lithurgus chrysurus* Fonscolombe,1834** (Megachilidae) **Synonym(s):** *chrysurus* Fonscolombe,1834; *analys* Lepeletier,1841; *haemorrhoidalis* Lepeletier,1841; *monocerus* Morawitz,1873 **Range (in code):** **ES FR DE CH IT Co Sa Si SS HU SK BG RU GR Ae Le Rd CY TR SY LB IL Pa IR 25 38 49 25K 25R 38C 38Ca**
- 423. *Megachile* (Neoeutricharaea) *villipes* Morawitz,1875** (Megachilidae) **Synonym(s):** *villipes* Morawitz,1875 **Range (in code):** **TR 07 49 65 65E**
- 424. *Osmia* (Helicosmia) *milena* Tkalcu,1992** (Megachilidae) **Synonym(s):** *milena* Tkalcu,1992 **Taxref:** *Osmia* (Chalcosmia) *milena* Tkalcu,1992, Acta Soc. zool. bohemosl. 56: 225. Holotype ♂: Turkey: Muş (EMET). **Range (in code):** **TR 49**
- 425. *Osmia* (Monosmia) *apicata* Smith,1853** (Megachilidae) **Synonym(s):** *apicata* Smith,1853; *macroglossa* Gerstaecker,1869 **Range (in code):** **AL AM Cc BG IT GG GR HV MK RU SS IL Pa JO IR SY TR 49**
- 426. *Osmia* (Pyrosmia) *gallarum* Spinola,1808** (Megachilidae) **Synonym(s):** *gallarum* Spinola,1808; *ruborum* Dufour & Perris,1840; *lapidistructor* Ferton,1920 **Range (in code):** **AT AL BG CH CZ DE ES FR GR HU HV IT MK PT PL RO RU SK SS DZ MA TN TR 49**
- 427. *Myrmilla* (s.str.) *caucasica* (Kolenati,1846)** (Mutillidae) **Synonym(s):** *caucasica* Kolenati,1846; *jasonia* Skorikov,1927; *kiritschenkoi* Skorikov,1927 **Range (in code):** **GR BG TR Cc RU Da GG AM AZ IR UA Cm 11 12 25 29 42 49 12A 25C 25L 49E**
- 428. *Cryptocheilus octomaculatus* (Rossi,1790)** (Pompilidae) **Synonym(s):** *octomaculatus* Rossi,1790; *eatonii* Saunders,1901 **Range (in code):** **TR 01 04 06 11 20 23 25 31 34 35 46 47 49 50 62 65 76**
- 429. *Colpa quinquecincta* (Fabricius,1775)** (Scoliidae) **Synonym(s):** *villosa* Fabricius,1775; *quinquecincta* Fabricius,1775; *abdominalis* Spinola,1806; *continua* Lepeletier,1845 **Range (in code):** **IT Sa Si TR 06 07 08 09 16 20 24 25 30 31 33 35 36 39 42 44 45 48 49 50 51 60 63 65 76 80**
- 430. *Dasyscolia ciliata* (Fabricius,1787)** (Scoliidae) **Synonym(s):** *ciliata* Fabricius,1787; *araratica* Radoskovsky,1890; *fastuosa* Gribodo,1893 **Range (in code):** **MA PT ES MT GR Rd TR Arr IR Fa Shr Kh Mz Th Elb Ha Es IL Pa Cc IT Sa Si 01 04 06 07 10 24 31 33 35 36 45 48 49 58 65 63 72 76 06O 36D 65N 65Np 65Np2 65Nm 72E 76D 76Dg**

- 431. *Ammophila heydeni* Dahlbom, 1845** (Sphecidae) Synonym(s): heydeni Dahlbom, 1845; iberica André, 1886 Range(in code): **TR Cc AM KK RU Sr Ao Or IT HV FR Si DE BG HU AT UA Cm AZ Cc Ur DZ LY TN KG PT SK CZ IR Co Sa CH ES RO GR TM AF 01 03 05 06 07 08 09 11 12 13 16 18 19 22 24 25 29 31 33 34 36 37 38 40 42 43 44 46 49 50 51 54 57 58 59 60 63 65 69 76 65N 65Ne**
- 432. *Ammophila sabulosa* (Linnaeus, 1758)** (Sphecidae) Synonym(s): sabulosa Linnaeus, 1758 Range(in code): **TR 05 06 07 08 11 14 16 18 24 25 26 33 34 36 41 42 43 45 46 49 53 61 67 69**
- 433. *Ammophila sabulosa* (Linnaeus, 1758)** (Sphecidae) Synonym(s): sabulosa Linnaeus, 1758 Range(in code): **TR 06 07 08 09 10 11 14 16 18 24 25 26 34 35 36 41 42 43 45 46 49 53 61 67 69**
- 434. *Sceliphron* (s.str.) *arabs* (Lepeletier, 1845)** (Sphecidae) Synonym(s): arabs Lepeletier, 1845; caucasicus André, 1888 Range(in code): **Cc AZ SY Hal TR IQ Bgd IR Ke 01 07 21 31 33 44 49**
- 435. *Sphex* (s.str.) *flavipennis* Fabricius, 1793** (Sphecidae) Synonym(s): flavipennis Fabricius, 1793; rufocinctus Brullé, 1833; bicolor Dahlbom, 1845; cinereorufocinctus Dahlbom, 1845; sellae Gribodo, 1873; rufodorsatus DeStefani, 1887 Range(in code): **HU IT Si Sa GR Rd Cr CY BG TR IL Pa IR Kh AF AE TM TJ UZ KG 01 03 04 06 07 10 15 16 18 19 20 24 25 28 33 35 36 42 43 45 46 48 49 55 59 66 72**
- 436. *Sphex* (s.str.) *leuconotus* Brullé, 1833** (Sphecidae) Synonym(s): leuconotus Brullé, 1833 Range(in code): **TR 08 25 26 31 36 42 49 76**
- 437. *Sphex* (s.str.) *pruinus* Germar, 1817** (Sphecidae) Synonym(s): pruinus Germar, 1817 Range(in code): **TR 01 06 07 08 10 13 25 33 42 46 49 61 71 76 13G 13Gw 76D 76Dg**
- 438. *Eumenes dubius* Saussure, 1852** (Vespidae) Synonym(s): dubius Saussure, 1852 Range(in code): **CY TR RU IL Pa LB SY IR 01 02 05 06 07 08 10 24 25 29 31 33 35 36 42 45 49 59 78**
- 439. *Parodontodynerus ephippium* (Klug, 1817)** (Vespidae) Synonym(s): ephippium Klug, 1817 Range(in code): **TR 01 06 08 09 20 25 31 42 43 49 06R**
- 440. *Polistes* (s.str.) *dominula* (Christ, 1791)** (Vespidae) Synonym(s): dominulus Christ, 1791; bucharensis Erichson, 1949; muchei Gusenleitner, 1976 Range(in code): **TN IT FR BE DK CZ DZ YU TR Cc RU Sb Ur KG JP GB DK SE UZ Br AF PK IR AM Cc IL Pa JO MN CN CA AU CL US 01 02 05 06 07 08 09 10 13 17 20 21 24 25 26 31 32 33 34 35 36 41 42 44 45 46 47 48 49 53 55 56 59 60 63 65 76 78 13A 13Ab 31K 31Ka 56F 65F 65Fé 65F4 65I 73A 73Ad 73Ad2 73Ak 76D 76Dc**
- 441. *Vespa orientalis* Linnaeus, 1771** (Vespidae) Synonym(s): orientalis Linnaeus, 1771; turcica Drury, 1773; quadripunctata Forskal, 1775; fusca Christ, 1791; aegyptiaca Vallot, 1802; nilotica Vallot, 1802; jurinei Saussure, 1854; zavattarii Guiglia & Capra, 1933; somalica Giordani Soika, 1934; arabica Giordani Soika, 1957 Taxref: *Vespa orientalis* Linnaeus, 1771, Mant. Plant. (2): 540. Type ♀: (LSL). Range (in code): **IT Si MT AL BG Cr Rd CY RO GR TR JO IR Cc SY LB IQ IL Pa SA BH YE OM AE DZ LY EG ET SO RU TM UZ TJ IR AF KK PK IN Ch Pj Up Ben NP Ui MG MX 01 06 07 08 09 10 11 15 16 20 21 24 25 27 30 31 33 35 36 42 44 45 46 47 48 49 56 63 65 70 73 76 21N 21Nh 30B 30Bo 30Br 31K 31Ka 56F 56Fç 56Fo 65D 65Di 65Do 65N 65Np5 65Nm 73A 73Ad 73Ad2**
- 442. *Vespula germanica* (Fabricius, 1793)** (Vespidae) Synonym(s): germanica Fabricius, 1793 Range(in code): **Cn Az MA TN DZ TR Cc SY JO IR AF PK BI Hu Dir Swa Ci Abb Msr Psu Cls Qu IN Ch KG Uk MN CN Ui Mc RU Ur Sb Am Us Sh KP KR AU NZ ZA CA US CL AR 05 06 07 08 09 10 12 13 15 16 17 20 21 29 31 32 33 34 35 36 38 40 41 42 44 45 46 47 48 49 50 52 56 60 63 64 65 66 69 73 77 78 12A 12Ab 13A 13Ab 33K 33Kb 56F 65K 65Kb 65N 65Nc 65Nc4 65Np 65Np5 65Nm 73A 73Ad 73Ad2**

Coleoptera

Currently, 25 families are recorded from the province.

- 443. *Eutrichapion* (*Psilocalymma*) *punctiger* (Paykull, 1792)** (Apionidae) Synonym(s): punctiger Paykull, 1792 Range(in code): **TR 09 20 21 22 49**
- 444. *Holotrichapion* (*Apiops*) *pullum* (Gyllenhal, 1833)** (Apionidae) Synonym(s): pullum Gyllenhal, 1833 Range(in code): **TR 21 24 25 38 44 47 48 49 55 62 63 68 74 80 25C 49B 63H 80C**
- 445. *Protapion trifolii* (Linnaeus, 1758)** (Apionidae) Synonym(s): trifolii Linnaeus, 1758 Range(in code): **TR 04 09 10 12 13 16 21 25 27 30 34 35 40 41 43 45 47 48 49 55 56 71 71 72 12E 13E 21P 25A 30A 56G 72B 72E**
- 446. *Protapion truquii* (Reiche & Saulcy, 1858)** (Apionidae) Synonym(s): truquii Reiche & Saulcy, 1858 Range(in code): **TR 08 10 11 12 13 21 22 25 30 35 36 41 45 47 48 49 55 56 63 65 72 73 12E 13G 30B 47F 47G 47H 63H 65F 72E 73H**
- 447. *Brachycerus quadrisulcatus* Fischer v. Waldheim, 1830** (Brachyceridae) Synonym(s): quadrisulcatus Fischer v. Waldheim, 1830; difformis Faldermann, 1837 Range(in code): **TR SY Cc AM 21 27 31 44 49 65 65K 65Kz 65Kg**
- 448. *Acmaeoderella* (*Liogastria*) *chrysanthemi* (Chevrolat, 1854)** (Buprestidae) Synonym(s): chrysanthemi Chevrolat, 1854; tonstrix Reitter, 1895; klapaleki Obenberger, 1924; syriaca

- Obenberger,1924; levantina Obenberger,1934; syriacae Obenberger,1936; noemi Obenberger,1940; rudepilosa Obenberger,1940 Range(in code): **AZ Nv Cc BG AM IQ IR IL Pa CY EG SY RU JO TR GR 01 06 07 20 24 25 27 30 31 33 35 42 43 46 48 49 50 63 73 01H 07B 07M 07C 07Cc 24K 25C 25R 27C 27F 27H 30B 30Be 30D 30Df 31M 33P 33R 46B 48A 49E 49Ea 63D 63L 73C 73Cd**
- 449. Anthaxia (Cratomerus) mirabilis Zicharev,1918** (Buprestidae) Synonym(s): mirabilis Zicharev,1918 Range(in code): **AM AZ Cc TR 30 44 49**
- 450. Anthaxia (Haplanthaxia) ursulae Niehuis,1989** (Buprestidae) Synonym(s): ursulae Niehuis,1989 Range(in code): **TR IR IQ 11 12 13 30 49 62 73**
- 451. Julodis andreae (Olivier,1790)** (Buprestidae) Synonym(s): andreae Olivier,1790; sovitzii Steven,1830; setosa Steven,1830; lineigera Marseul,1865; ampliata Marseul,1865; stevensii Saunders,1871; hampei Thomson,1878; lineata Kerremans,1886; subviolacea Abeille de Perrin,1904; tenuelineata Abeille de Perrin,1904; derasa Abeille de Perrin,1904; costifera Obenberger,1919 Range(in code): **TR IL Pa SY IR Ak Ab AM Cc 07 13 31 46 49 56 65 76 13C 49E 49Ea 56C 56Cd 56F 56Fç 65N 65Np 65Np1 65Np5 65Nr2 65Nr4 65Nm 76B 76Bj**
- 452. Malthodes mushensis Wittmer,1997** (Cantharidae) Synonym(s): mushensis Wittmer,1997 Range(in code): **TR 49 49E 49Ea**
- 453. Rhagonycha syriaca Dahlgren,1968** (Cantharidae) Synonym(s): syriaca Dahlgren,1968 Range(in code): **SY IL Pa LB JO TR 49 49E 49Ea**
- 454. Cicindela asiatica Audouin & Brullé,1839** (Carabidae) Synonym(s): asiatica Audouin & Brullé,1839 Range(in code): **TR SY IR Qz AM AZ Nv Ord Cc TM Kp 01 12 13 23 30 31 46 49 56 62 63 65 13C 13Cd 56B 56F 65K 65Kz 65Kg**
- 455. Cicindela turkestanicoides W.Horn,1938** (Carabidae) Synonym(s): turkestanicoides W.Horn,1938 Range(in code): **TR IR Elb Th Mz 12 13 24 30 44 49 62 65 62G 65D 65N 65Ng 65Nr6 65Nm**
- 456. Homodela ismenia (Gory,1833)** (Carabidae) Synonym(s): ismenia Gory,1833 Range(in code): **GR TR 01 05 06 07 11 12 13 20 31 32 33 35 37 38 40 42 44 46 48 49 55 60 67 06R 12A 12Aa 13D 44A 44Aa 49E 49Ea**
- 457. Agapanthia (Epoptes) simplicicornis Reitter,1898** (Cerambycidae) Synonym(s): simplicicornis Reitter,1898 Range(in code): **TR SY IL Pa 49**
- 458. Agapanthia (s.str.) fallax Holzschuh,1974** (Cerambycidae) Synonym(s): fallax Holzschuh,1974 Range(in code): **TR 49**
- 459. Agapanthia (Smaragdula) frivaldskyi Ganglbauer,1884** (Cerambycidae) Synonym(s): frivaldskyi Ganglbauer,1884 Range(in code): **BG RO TR SY IL Pa IQ IR JO 13 49 13F 49E 49Ea**
- 460. Cerambyx (s.str.) dux (Faldermann,1837)** (Cerambycidae) Synonym(s): dux Faldermann,1837 Range(in code): **BG MK GR TR UA Cm IR 01 02 06 07 11 12 15 16 20 23 24 25 27 31 32 33 34 35 36 37 38 39 42 44 46 48 49 51 60 62 65 80 31M 65F 65Fp 65Fq 65Fz**
- 461. Cerambyx (s.str.) heinzianus Demelt,1976** (Cerambycidae) Synonym(s): heinzianus Demelt,1976 Range(in code): **TR 12 13 49**
- 462. Chlorophorus nivipictus (Kraatz,1879)** (Cerambycidae) Synonym(s): nivipictus Kraatz,1879 Range(in code): **TR 01 07 12 13 33 42 49 51 62 65 80**
- 463. Chlorophorus varius (O.F.Müller,1766)** (Cerambycidae) Synonym(s): varius O.F.Müller,1766; damascenus Chevrolat,1854 [ssp.] Range(in code): **Cc TR SY Dms IR SK HV 01 07 12 30 33 49 62 80 12A 12Ab 30D 30Dç**
- 464. Dorcadion (Cribridorcadion) holzschuhi Breuning,1974** (Cerambycidae) Synonym(s): holzschuhi Breuning,1974 Range(in code): **TR 49 49E 49Ea**
- 465. Helladia armeniaca Frivaldsky,1878** (Cerambycidae) Synonym(s): armeniaca Frivaldsky,1878; testaceovittata Pic,1934; iranica Villers,1960; natali Lobanov,1994; holzschuhi Özdikmen,2008. Range(in code): **TR AM Cc IR Oru 13 49 65 49E 49Ea 65D 65Dn 65K 65Ku 65N 65Nr7 65Nm**
- 466. Helladia diademata (Faldermann,1837)** (Cerambycidae) Synonym(s): diademata Faldermann,1837 Range(in code): **AM Eri Cc AZ Kir IR TR 30 49**
- 467. Helladia plasoni Ganglbauer,1884** (Cerambycidae) Synonym(s): plasoni Ganglbauer,1884 Range(in code): **TR Cc IR 12 49 12E 12Eb 49E 49Ea**
- 468. Mallosia (Eumallosia) armeniaca Pic,1897** (Cerambycidae) Synonym(s): armeniaca Pic,1897; caucasica Pic,1898; haiastanica Danilevsky,2007 Range(in code): **Cc AM TR IR 49 49E 49Ea**
- 469. Musaria anatolica (Fuchs & Breuning,1971)** (Cerambycidae) Synonym(s): anatolica Fuchs & Breuning,1971 Range(in code): **TR 49 49E 49Ea**
- 470. Neomusaria suworovi (Pic,1906)** (Cerambycidae) Synonym(s): suworovi Pic,1906 Range(in code): **Cc TR 49 49E 49Ea**
- 471. Pachytodes erraticus (Dalman,1817)** (Cerambycidae) Synonym(s): erraticus Dalman,1817 Range (in code): **CZ Cc TR IR AL AT BY B-H BG HV GR FR HU IT Si RU PL SK SS CH ES YU MK MD 03**

- 05 06 07 08 11 14 16 18 19 23 24 25 27 29 31 32 35 36 37 39 42 45 49 53 55 58 60 61 62 65 66 67 72 74 78
06D 06R 49E 49Ea 65F 65Fb
- 472. Phytoecia (Metallidia) alinae Kasatkin,2011** (Cerambycidae) Synonym(s): alinae Kasatkin,2011 Taxref: Phytoecia (Metallidia) alinae Kasatkin,2011, Cauc. ent. Bull. 7 (2): 143-144, figs. Holotype ♂: Turkey: Muş Prov., Buğlan geçidi, on Rindera albida (coll. Kasatkin). Range (in code): **TR 49 49E 49Ea**
- 473. Phytoecia (s.str.) bialookii Danilevsky,2010** (Cerambycidae) Synonym(s): bialookii Danilevsky,2010 Range (in code): **TR 13 49 13D 49E 49Ea**
- 474. Phytoecia achilleae Holzschuh,1971** (Cerambycidae) Synonym(s): achilleae Holzschuh,1971 Range (in code): **TR Cc 49 49E 49Ea**
- 475. Phytoecia icterica (Schaller,1783)** (Cerambycidae) Synonym(s): icterica Schaller,1783 Range (in code): **TR Cc RU SK 49 49E 49Ea**
- 476. Phytoecia katarinae Holzschuh,1974** (Cerambycidae) Synonym(s): katarinae Holzschuh,1974 Range (in code): **TR 49 49E 49Ea**
- 477. Plagionotus arcuatus (Linnaeus,1758)** (Cerambycidae) Synonym(s): arcuatus Linnaeus,1758 Range (in code): **CZ DZ Cc TR IR 08 12 17 32 34 37 49 55 60 61 65 80 81 65N 65Nc**
- 478. Purpuricenys bitlisiensis Pic,1902** (Cerambycidae) Synonym(s): bitlisiensis Pic,1902 Range (in code): **TR 12 13 49 62**
- 479. Purpuricenys budensis (Götz,1783)** (Cerambycidae) Synonym(s): budensis Götz,1783 Range (in code): **GR SK HU Cc TR SY IR 01 02 03 05 06 07 08 09 10 12 14 15 16 17 19 20 22 25 27 29 31 32 33 34 35 41 42 45 46 48 49 51 53 55 56 57 60 62 66 70 80**
- 480. Purpuricenys cornifrons Sabbadini & Pesarini,1992** (Cerambycidae) Synonym(s): cornifrons Sabbadini & Pesarini,1992 Range (in code): **TR 02 12 27 47 49 62 65 49Ea 65F 65Fb 65Fq**
- 481. Purpuricenys dalmatinus Sturm,1843** (Cerambycidae) Synonym(s): dalmatinus Sturm,1843 Range (in code): **HV TR SY 02 07 09 12 31 33 35 45 46 48 49 56 62 80 02F**
- 482. Purpuricenys wachanrui Levrat,1858** (Cerambycidae) Synonym(s): wachanrui Levrat,1858; aleppensis Witte,1872; haussknechti Witte,1872; atricolor Pic,1912; diversipennis Pic,1915 Range (in code): **Cc AM TR IR IQ CY AZ SY Hal 01 02 12 13 21 44 49 62 65 02F 65D 65Dr 65Drb 65Dn 65K 65Ku 65N 65Np 65Np2 65Nm**
- 483. Stenopteris rufus (Linnaeus,1767)** (Cerambycidae) Synonym(s): rufus Linnaeus,1767; attenuatus Geoffroy,1785 Range (in code): **AT BE B-H BG HV CZ FR DE HU IT MT MD PL SK SS ES CH UA Cn Cc IR FR HV TR SY LB JO IL Pa IR TM 07 13 31 33 49 52 62 65 80 13Ga 62G 65F 65Fd**
- 484. Vadonia bitlisiensis (Chevrolat,1882)** (Cerambycidae) Synonym(s): bitlisiensis Chevrolat,1882; cribricollis Pic,1889; bistigmata Pic,1893; armeniaca Pic,1903 Range (in code): **AM Cc AZ TR IR 11 13 24 25 29 49 62 65 65D 65Dc 65Fz**
- 485. Vadonia instigmata (Pic,1889)** (Cerambycidae) Synonym(s): instigmata Pic,1889 Range (in code): **TR 02 13 49**
- 486. Altica deserticola (Weise,1889)** (Chrysomelidae) Synonym(s): deserticola Weise,1889 Range (in code): **TR RU KG Cc AF MN KP KR TW 03 04 05 06 08 21 25 31 32 36 44 49 51 54 56 60 65 68 72 76 81**
- 487. Cassida brevis Weise,1834** (Chrysomelidae) Synonym(s): brevis Weise,1834 Range (in code): **TR GR AF 02 03 05 33 49 56**
- 488. Cassida pannonica Suffrian,1844** (Chrysomelidae) Synonym(s): pannonica Suffrian,1844 Range (in code): **TR 06 07 10 11 16 30 33 35 42 48 49 51 62 80**
- 489. Cassida sanguinolenta Müller,1776** (Chrysomelidae) Synonym(s): sanguinolenta Müller,1776 Range (in code): **TR KK 11 35 43 49 57**
- 490. Cassida strejceki Sekerka,2006** (Chrysomelidae) Synonym(s): strejceki Sekerka,2006 Taxref: Cassida strejceki Sekerka,2006, Genus 17 (4): 563-564, figs. Holotype ♂: E.Turkey, Prov. Muş, Buğlan Geçidi, NW Muş 24 v 2001, M.Rejzek leg. & coll. Sekerka. Range (in code): **TR 49 65 49E 49Ea 65N 65Np 65Nm**
- 491. Cassida viridis Linnaeus,1758** (Chrysomelidae) Synonym(s): viridis Linnaeus,1758 Range (in code): **TR 06 10 18 21 25 35 37 38 40 42 49 60 61 62 63 80**
- 492. Chrysolina herbacea (Duftschmidt,1825)** (Chrysomelidae) Synonym(s): herbacea Duftschmidt,1825; alacris Bechyne,1950 Range (in code): **TR Cc RU Sb IN KG 06 08 11 16 18 19 20 22 24 25 32 33 34 35 38 39 40 42 46 49 50 51 55 57 58 61 66 69 81**
- 493. Cryptocephalus anticus Suffrian,1848** (Chrysomelidae) Synonym(s): anticus Suffrian,1848; octacosmus Bedel,1891 Range (in code): **RU Sb AL BG UA Cm TR PL YU GR Cc KK KG CN UZ 01 06 07 11 14 16 18 21 25 26 29 32 39 41 45 47 49 50 51 54 55 58 59 60 62 67 69 60K**

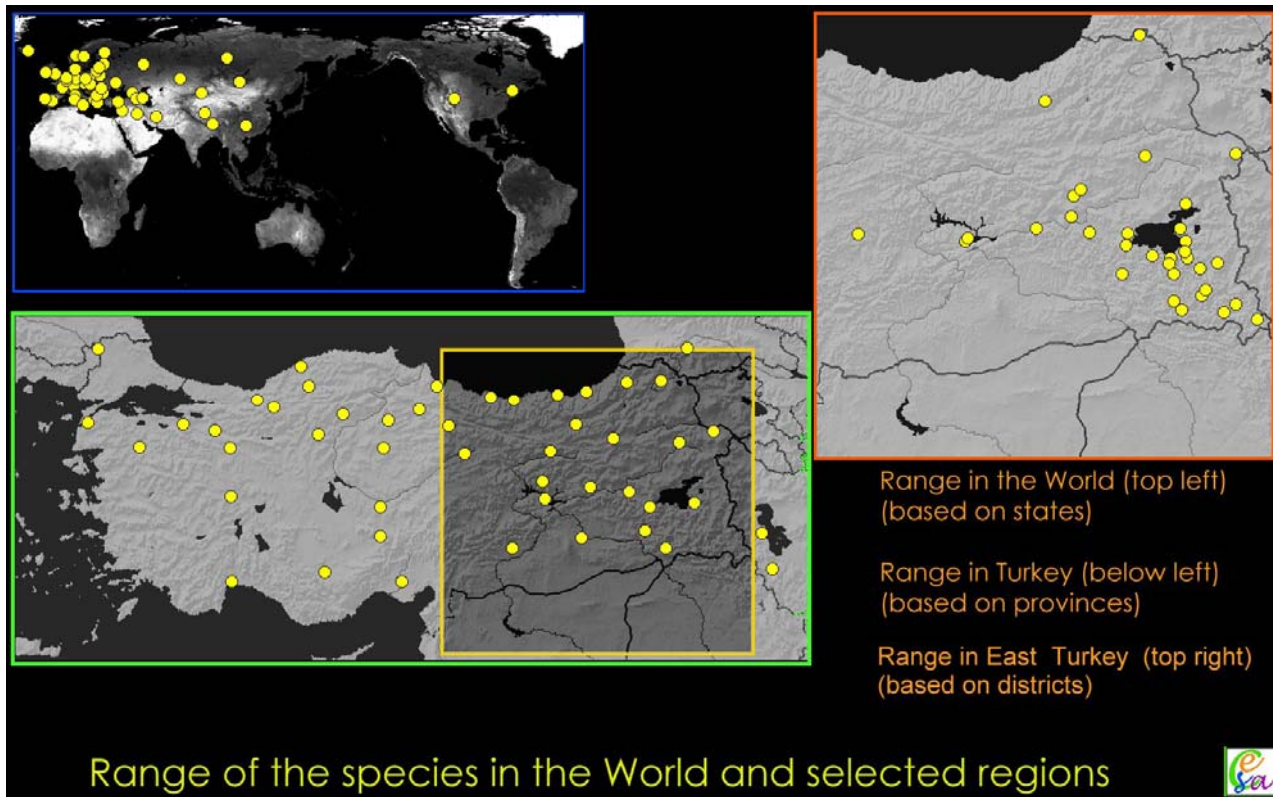
- 494. *Cryptocephalus prusias* Suffrian,1853** (Chrysomelidae) Synonym(s): prusias Suffrian,1853 Range(in code): **TR BG GR AZ AM Cc JO SY YU 01 05 06 11 14 16 18 25 26 29 32 33 34 42 43 49 58 60**
- 495. *Hypocassida subferruginea* (Schrank,1776)** (Chrysomelidae) Synonym(s): subferruginea Schrank,1776 Range(in code): **TR CN 01 05 06 07 09 10 11 13 14 15 16 17 18 19 20 22 24 25 26 31 33 34 35 37 38 41 42 43 45 49 53 54 55 56 57 58 63 66 67 80**
- Longitarsus anatolicus** Weise,1900 (Chrysomelidae) Synonym(s): anatolicus Weise,1900 Range(in code): **TR IL Pa Cc AZ R 01 06 13 19 21 24 25 32 33 38 41 42 44 46 49 56 58 65 66 68 70 46F 65B 65G**
- 496. *Nymphius stylifer* (Weise,1899)** (Chrysomelidae) Synonym(s): stylifer Weise,1899 Range(in code): **Cc TR 25 30 36 49 65**
- 497. *Pachybrachis* (s.str.) *mardinensis* Weise,1900** (Chrysomelidae) Synonym(s): mardinensis Weise,1900; seidenstueckeri Kippenberg,1974 Range(in code): **TR 01 02 05 13 20 23 27 30 31 33 46 47 49 65 80**
- 498. *Phratora vitellinae* (Linnaeus,1758)** (Chrysomelidae) Synonym(s): vitellinae Linnaeus,1758 Range(in code): **FR BE NL DE DK NO SE FI IS EE PL HU B-H YU BG IT CN KG Cc KP KR RU Sb CA TR 06 08 11 14 16 19 22 25 28 34 37 41 47 49 54 57 67 08D**
- 499. *Trichodes affinis* Chevrolat,1843** (Cleridae) Synonym(s): affinis Chevrolat,1843; apicalis Champenois,1900 Range(in code): **GR Cr TR JO EG SY IL Pa Js 01 06 07 15 27 25 31 33 38 42 45 49 56 62 65 70 72 31M 49E 49Ea 56F 56Fg 65D 65Dt 72E 72Ei**
- 500. *Trichodes ephippiger* Chevrolat,1874** (Cleridae) Synonym(s): ephippiger Chevrolat,1874 Range(in code): **TR SY IQ IR 01 12 13 21 23 25 27 30 44 46 47 49 56 62 63 65 73 13G 13Ga 13Ge 21N 21Ne 30A 30Ae 44E 44Ea 44Ed 56B 56F 56Fi 56Fs 65A 65D 65Dla 65Do 65Doa 65F 65Fb 73A 73Ak 73D 73Df**
- 501. *Hyperaspis femorata* (Motschoulsky,1837)** (Coccinellidae) Synonym(s): femorata Motschoulsky,1837 Range(in code): **TR 31 33 47 49 65 31A 33R**
- 502. *Coniatus repandus* (Fabricius,1792)** (Curculionidae) Synonym(s): repandus Fabricius,1792 Range(in code): **TR 06 08 09 23 24 29 30 35 44 49 56**
- 503. *Hypera cumanus* Petri,1901** (Curculionidae) Synonym(s): cumanus Petri,1901 Range(in code): **TR 08 49 62**
- 504. *Hypera variabilis* (Herbst,1795)** (Curculionidae) Synonym(s): variabilis Herbst,1795 Range(in code): **TR 03 04 05 06 08 09 10 11 13 17 19 21 24 25 27 30 32 35 36 38 41 43 44 47 48 49 52 55 56 57 60 61 63 65 66 68 73 76**
- 505. *Dermestes* (Dermestinus) *intermedius* Kalik,1951** (Dermestidae) Synonym(s): intermedius Kalik,1951 Range(in code): **AT BG CZ Cr CY DE GR HU IT MK RO SK UA TR 49**
- 506. *Hydroporus kozlovskii* Zaitzev,1927** (Dytiscidae) Synonym(s): kozlovskii Zaitzev,1927 Range(in code): **TR 07 08 12 24 29 30 36 49 53**
- 507. *Prosternon syriacum* (Buysson,1891)** (Elateridae) Synonym(s): syriacum Buysson,1891; anatolicum Reitter,1901 Range(in code): **SY TR 06 33 49 06R**
- 508. *Ischnodes sanguinicollis* (Panzer,1793)** (Elateridae) Synonym(s): sanguinicollis Panzer,1793 Range(in code): **TR AZ Cc AT BE B-H HV CZ DK FR GB DE GR HU IT MD PL RO SK SL ES SE CH UA JP IR SY 10 32 33 45 49 80**
- 509. *Amphicoma* (Eulasia) *arctos* (Pallas,1781)** (Glaphyridae) Synonym(s): arctos Pallas,1781; martes Frivaldsky,1845; armeniaca Reitter,1890; subfasciatula Reitter,1903; anatolica Reitter,1903 Range(in code): **YU BG TR GG AM Cc 05 06 13 16 19 25 27 33 37 40 42 44 46 49 56 60 65 75 78 44A 44Ab 49E 49Ea 56F 56Fs 65F 65Fp 65Fz 65N 65Ns 65Np1 65Nş 65Nm**
- 510. *Amphicoma* (Eulasia) *nitidicollis* (Reiche,1962)** (Glaphyridae) Synonym(s): sublineata Reitter,1890; nitidicollis Reiche,1962; simplicipennis Petrovitz,1964 Range(in code): **SY IL Pa JO TR 12 21 33 46 47 49**
- 511. *Amphicoma* (Eulasia) *praeusta* (Champenois,1896)** (Glaphyridae) Synonym(s): praeusta Champenois,1896; clypealis Petrovitz,1972 Range(in code): **TR IR AZ Cc 30 31 46 49 31M**
- 512. *Amphicoma* (Pygopleurus) *vulpes* (Fabricius,1781)** (Glaphyridae) Synonym(s): alopecias Pallas,1781; vulpes Fabricius,1781; hirta Fabricius,1781; vulpecula Truqui,1848; pyrrhothrix Dohrn,1885; griseovillosa Reitter,1903; obscurithorax Miksic,1955; bogoevskii Miksic,1955 Range(in code): **BG MK MD RO GR TR UA Cm Cc RU Ro VI KG 06 33 49 65 49E 49Eb 65F 65F1 65Fz**
- 513. *Amphicoma* (Rudeulasia) *chalybaea* Faldermann,1835** (Glaphyridae) Synonym(s): chalybaea Faldermann,1835; adusta Ganglbauer,1905; brenskei Reitter,1890; apicipennis Petrovitz,1968; brunneipennis Petrovitz,1968; coeruleipennis Petrovitz,1968 Range(in code): **AM Cc IR TR 23 44 47 49 63**

- 514. *Amphicoma (Rudeulasia) hybrida* (Reitter,1890)** (Glaphyridae) Synonym(s): hybrida Reitter,1890; agricola Reitter,1890; ithae Reitter,1903 Range(in code): **AM Cc TR SY 06 12 21 23 24 27 30 32 38 44 46 47 49 56 62 63 65**
- 515. *Amphicoma (Vittateulasia) vittata* (Fabricius,1775)** (Glaphyridae) Synonym(s): vittata Fabricius,1775; lineata Faldermann,1835; strigata Walzl,1838; smyrnensis Castelnau,1840; syriaca Kollar & Redtenbacher,1843; africana Reitter,1890; chrysura Reitter,1890; decorata Reitter,1890; semifulva Reitter,1890; lateritia Reitter,1903; pseudochrysura Miksic,1960; persica Petrovitz,1963 Range(in code): **SY Cc LB BG GR Rd TR IR SD EG 01 05 07 13 19 31 33 35 38 46 49 50 60 65 80 65D 65Dn 65Di 65N 65Nb 65Np8 65Nm**
- 516. *Helophorus aquaticus* (Linnaeus,1758)** (Helophoridae) Synonym(s): aquaticus Linnaeus,1758 Range(in code): **TR Cc GG ES DE DK GB SE FI RU IR 06 12 13 14 16 21 25 26 30 32 34 35 36 37 39 47 49 57 65 73**
- 517. *Helophorus hilaris* Sharp,1916** (Helophoridae) Synonym(s): hilaris Sharp,1916 Range(in code): **Cc IR AZ TR LB 12 21 30 38 47 49 73**
- 518. *Hister quadrimaculatus* Linnaeus,1758** (Histeridae) Synonym(s): quadrimaculatus Linnaeus,1758; gagates Illiger,1807; aethiops Heer,1841 Range(in code): **GB IT GR TR 35 49 65 49E 49Eb 65K 65Kl**
- 519. *Laccobius (Microlaccobius) gracilis* Motschoulsky,1855** (Hydrophilidae) Synonym(s): gracilis Motschoulsky,1855 Range(in code): **TR 01 02 07 09 10 12 13 14 15 16 17 19 20 22 24 25 27 28 30 31 32 33 34 35 36 37 38 45 47 48 49 51 52 53 57 58 61 65**
- 520. *Hydrochara dichorama* (Fairmaire,1829)** (Hydrophilidae) Synonym(s): dichorama Fairmaire,1829 Range(in code): **BG TR CY CN GR HU IR IL Pa RU SY TJ TM UA UZ 01 05 06 12 19 24 25 28 29 49 52 53 55 60 61 69**
- 521. *Cerocoma (Metacerocoma) festiva* Faldermann,1837** (Meloidae) Synonym(s): festiva Faldermann,1837 Range(in code): **Cc TR IR AM AZ IQ TM KG UZ 25 49 62 65 65F 65Ff 65Ffb 65K 65Kd 65N 65Nb**
- 522. *Hycleus fuscus* (Olivier,1811)** (Meloidae) Synonym(s): fuscus Olivier,1811; deleta Marseul,1870; galatiensis Escherich,1899; alpha Sumakov,1913; beta Sumakov,1913; circascutellaris Pic,1914; iota Sumakov,1930; zeta Sumakov,1930 Range(in code): **AZ AM Cc RU TR IQ IR IL Pa JO KG SY TM 02 09 12 21 25 26 30 31 33 35 42 44 45 48 49 56 62**
- 523. *Hycleus humerosus* (Escherich,1899)** (Meloidae) Synonym(s): humerosus Escherich,1899 Range(in code): **AZ AM Cc TR GR GG IR IQ JO KG SY TM UZ 07 12 23 25 30 35 47 49 62**
- 524. *Hycleus scabiosae* (Olivier,1811)** (Meloidae) Synonym(s): scabiosae Olivier,1811; euphratica Marseul,1870; marseuli Ballion,1878; alienigera Heyden,1883; maracadensis Dokhtourov,1889; auliensis Pic,1901; sicheri Fleischer,1921; eichleri Mader,1927; transcaspensis Pic,1928; delta Sumakov,1930; epsilon Sumakov,1930 Range(in code): **RO GR AZ AM GG RU Cc TR SY LB IQ IR JO IR KG MN AF TM TJ UZ CN Ui 04 06 11 13 17 24 25 26 36 42 44 45 47 49 58 65 76 58G 58Gj 65F 65Fm 65N 65Nr2 65Nm**
- 525. *Lydus pilicollis* Fairmaire,1892** (Meloidae) Synonym(s): pilicollis Fairmaire,1892 Range(in code): **TR SY 01 07 33 46 48 49**
- 526. *Lydus unicolor* Reitter,1887** (Meloidae) Synonym(s): unicolor Reitter,1887; glabricollis Escherich,1896; halbhuberi Escherich,1896; bitlisiensis Pic,1901; signatithorax Pic,1902 Range(in code): **TR Cc AM IR Ha AZ IL Pa LB JO SY TM 01 08 13 24 25 49 65 69 80 65N 65Np 65Nm**
- 527. *Meloe (s.str.) proscarabaeus* Linnaeus,1758** (Meloidae) Synonym(s): proscarabaeus Linnaeus,1758 Range(in code): **ES DZ IT Sa Si RU Sb Cc SY TR AF TJ KG 04 06 13 14 18 21 24 25 42 49 50 71**
- 528. *Mylabris (Eumylabris) fabricii* Sumakov,1924** (Meloidae) Synonym(s): decimpunctata Petagna,1787 nec Fabr.,1781; forti Mulsant,1857; fabricii Sumakov,1924 Range(in code): **AL GR MK BG MD UA TR Cc IL Pa RU KG UZ IR IT Si 01 06 08 12 23 24 26 30 32 35 36 42 46 47 49 51 58 62 65 69 76 30B 30Bk 36D 36Db 46F 58G 58Gj 65D 65Dn 65G 65Gu 65F 65Fw 65Fz 76A 76Ac 76Ae**
- 529. *Mylabris (Zitunabris) syriaca* Klug,1845** (Meloidae) Synonym(s): gebleri Faldermann,1837; syriaca Klug,1845; intersecta Reiche,1857; smyrnensis Escherich,1899 Range(in code): **TR IR SY IL Pa EG GR SD AF 01 07 15 31 32 33 35 48 49 56 80**
- 530. *Oenas armeniacus* Kaszab,1951** (Meloidae) Synonym(s): armeniacus Kaszab,1951 Range(in code): **TR 25 49**
- 531. *Oenas crassicornis* (Illiger,1800)** (Meloidae) Synonym(s): crassicornis Illiger,1800 Range(in code): **TR RO BG HV YU 01 06 10 11 15 16 22 24 25 32 35 41 45 49 55 66 71**
- 532. *Malachius anatolicus* Wittmer,1974** (Melyridae) Synonym(s): anatolicus Wittmer,1974 Taxref: *Malachius cavifrons* ssp. *anatolicus* Wittmer,1974, Fragm. ent. 10 (1): 14-15. Holotype: Türkiye, Prov. Muş, Buğlan geçidi 1600m 21-23.vi.1972 leg.C.Holzschuh (NHMB). Range (in code): **TR 12 49 12E 12Eb 49E 49Ea**

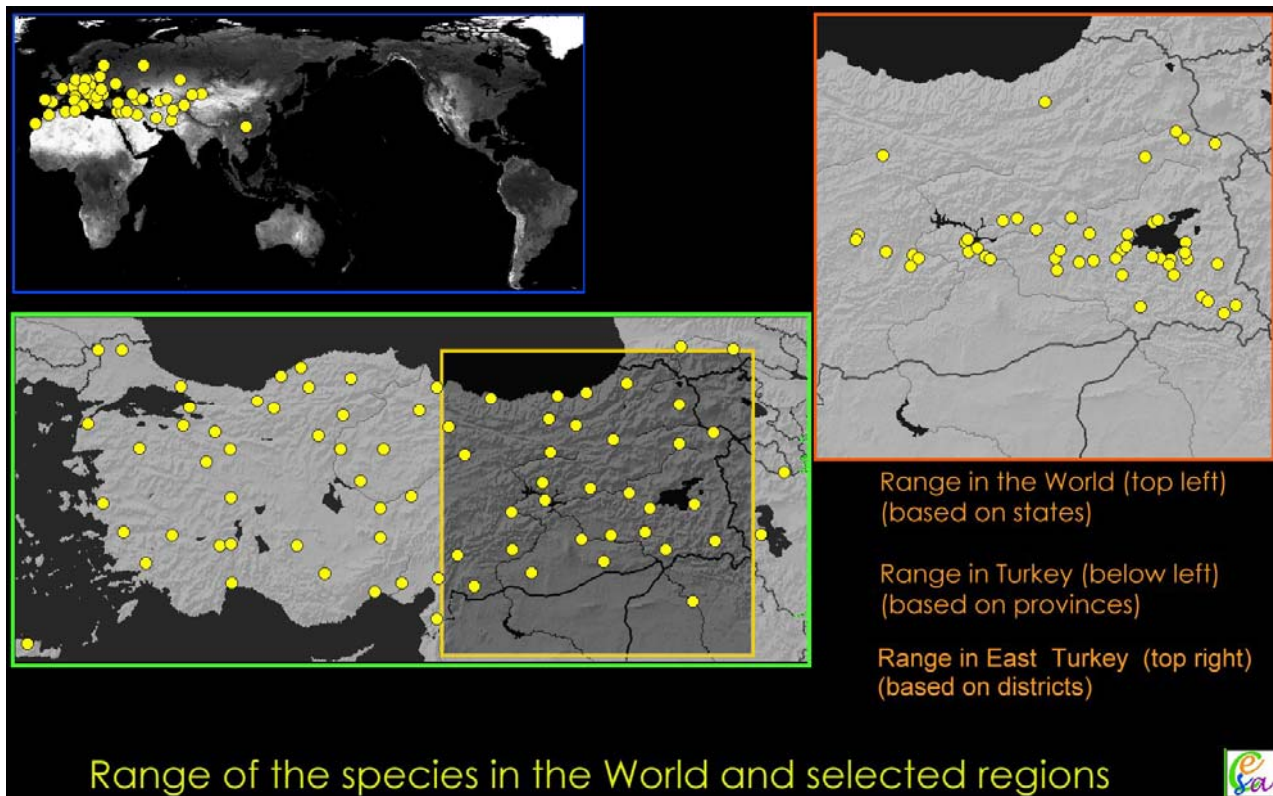
- 533. Ischnomera cinerascens (Pandellé,1867)** (Oedemeridae) Synonym(s): cinerascens Pandellé,1867 Range(in code): **GB DE IT AT SE FR Py RO YU B-H CZ SK AL BG GR Cc AZ RU TR IQ Su Pjw 01 03 06 07 12 13 32 42 49 62 06R 12E 13D 49E 49Ea**
- 534. Protactia (Potosia) funebris (Gory & Percheron,1833)** (Scarabaeidae) Synonym(s): funebris Gory & Percheron,1833; exclamationis Faldermann,1835; funesta Ménétériés,1836; aethiessoides Reitter,1898; lambillionaea Alexis & Delphont,2000 Range(in code): **RU TR IR Elb IQ SY IL Pa JO TM Kp AF Cc GG AM AZ Nv 01 04 05 06 07 08 09 11 12 13 16 17 20 23 24 25 27 30 31 32 33 35 36 37 41 42 46 47 49 51 53 56 58 60 61 65 70 73 13G 65F 65Fe 65K 65Kd 65Kg 70D**
- 535. Protactia (Netocia) hungarica (Herbst,1790)** (Scarabaeidae) Synonym(s): hungarica Herbst,1790 Range(in code): **HU GR LT Cc AM AZ IR SY TR IR IQ TM KG RU Sb MN 01 03 05 06 07 08 13 15 20 21 24 25 26 29 31 32 36 37 38 40 42 44 49 50 51 58 60 62 65 66 68 70 71 76 06R 13G 36F 62G 65D 65Dc 65I 70D 76B**
- 536. Cyphon palustris Thomson,1855** (Scirtidae) Synonym(s): palustris Thomson,1855 Range(in code): **TR 07 12 13 14 17 20 21 24 30 33 34 35 36 48 49 62 65 67 80 13G 49E 49Ea 49Ed 80C**
- 537. Aclypea undata (O.F.Müller,1776)** (Silphidae) Synonym(s): undata O.F.Müller,1776; reticulata Fabricius,1787; cancellata Gmelin,1790; verrucosa Ménétériés,1832; anatolica Kraatz,1876; kindermanni Faust,1877; nitidior Portevin,1926; quadricarinata Portevin,1926 Range(in code): **AZ Cc AL AM AT BE B-H BG BY HV CZ GB FI FR DE GG GR HU IT LT MK MD NL PL PT RO SK SS ES SE CH UA YU TR IR KG TM 02 13 24 25 33 36 49 61 62 65 13G 65D**
- 538. Nicrophorus antennatus (Reitter,1885)** (Silphidae) Synonym(s): antennatus Reitter,1885 Range(in code): **TR Cc MN CN Ui Tpn Muz Mc RU Sb 02 49 80**
- 539. Medon ferrugineus (Erichson,1840)** (Staphylinidae) Synonym(s): ferrugineus Erichson,1840; orduanus Bordoni,1980 Range(in code): **TR 06 12 29 37 42 49 52 54 55 57 61 62**
- 540. Scopaeus gracilis (Sperk,1835)** (Staphylinidae) Synonym(s): gracilis Sperk,1835 Range(in code): **TR 01 02 04 07 08 12 14 15 20 28 31 32 33 35 37 38 42 43 44 45 46 48 49 58 61 65 67 70**
- 541. Scopaeus kurdistanus Korge,1971** (Staphylinidae) Synonym(s): kurdistanus Korge,1971 Range(in code): **TR 12 30 49**
- 542. Scopaeus laevigatus (Gyllenhal,1827)** (Staphylinidae) Synonym(s): laevigatus Gyllenhal,1827 Range(in code): **TR 01 03 04 05 06 07 08 09 10 12 13 15 16 21 22 24 25 28 29 32 34 36 37 38 41 42 43 45 48 49 51 53 57 60 61 65 66**
- 543. Scopaeus mariae Frisch,2002** (Staphylinidae) Synonym(s): mariae Frisch,2002 Range(in code): **TR 49**
- 544. Colpotus byzantinicus (Waltl,1838)** (Tenebrionidae) Synonym(s): byzantinicus Waltl,1838 Range(in code): **TR 33 49**
- 545. Nalassus (Helopondrus) szalokii Nabozhenko,2011** (Tenebrionidae) Synonym(s): szalokii Nabozhenko,2011 Range(in code): **TR 13 49 65 13G 13Gv 49E 49Ea 65F 65Fe**

Selected Maps

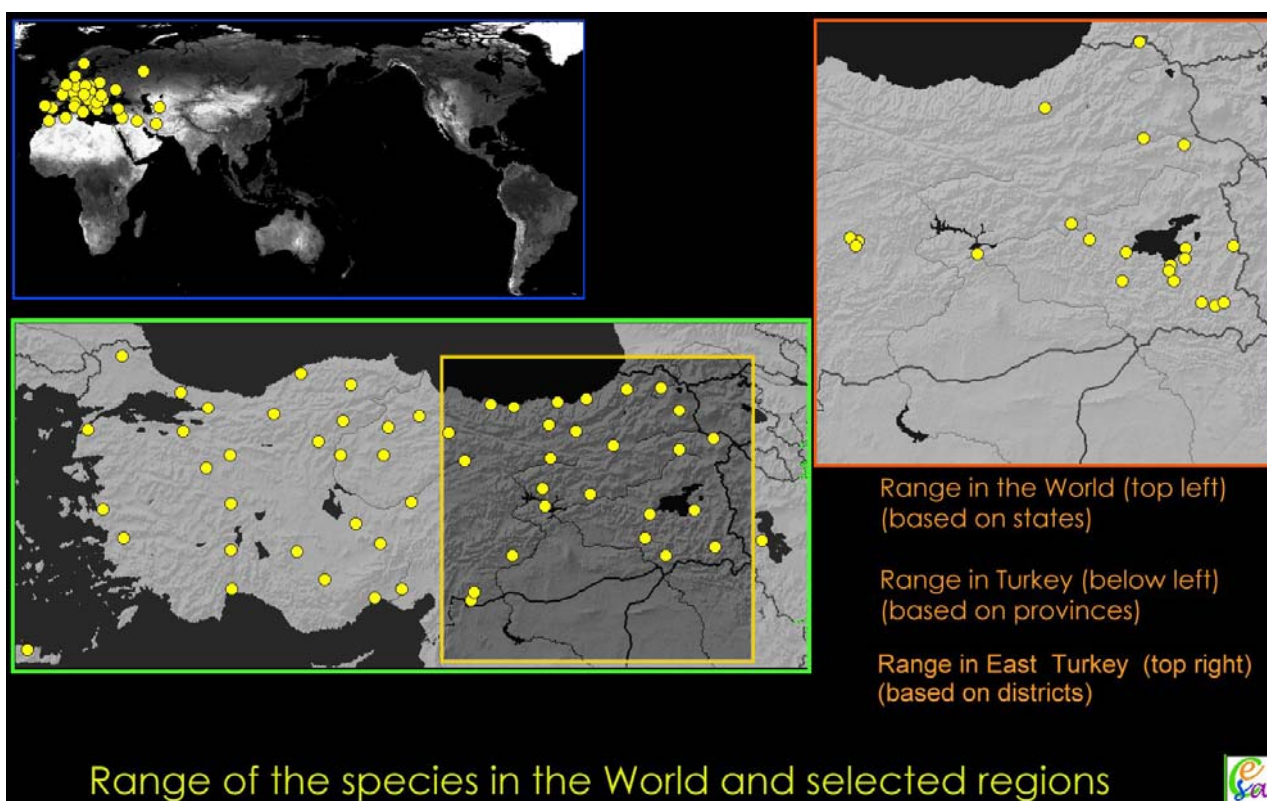
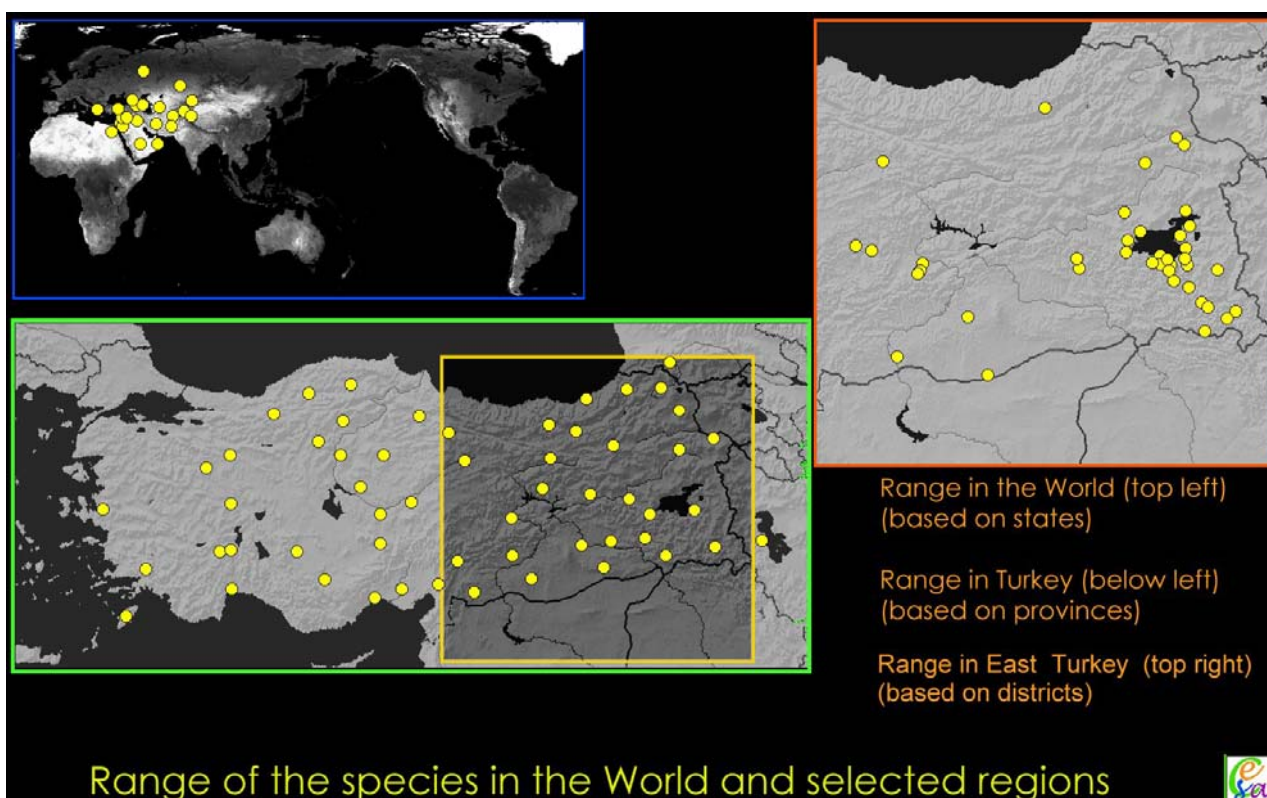
Totally 18 distributional maps are prepared for this article. Codes of the ranges mentioned in the text are used for preparing maps. The sequence numbers of the species used in the text are also repeated after the map numbers.

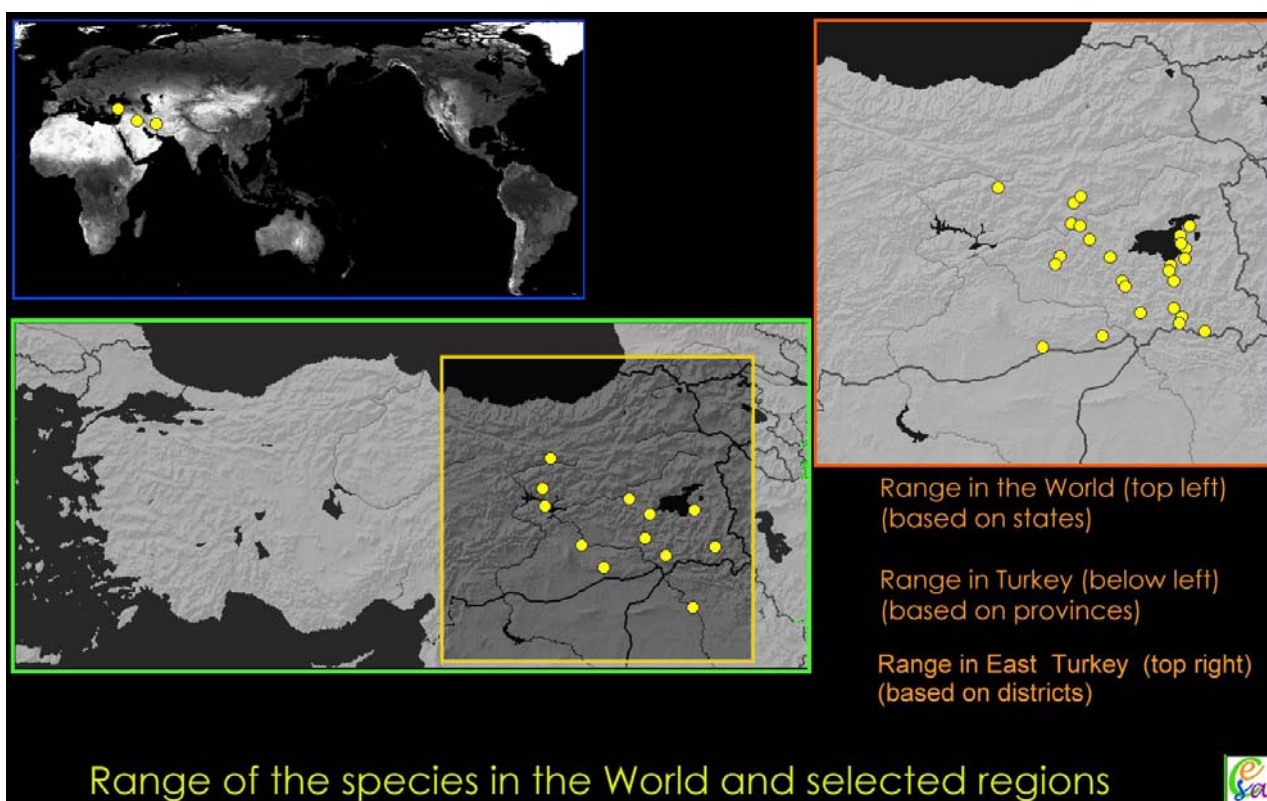
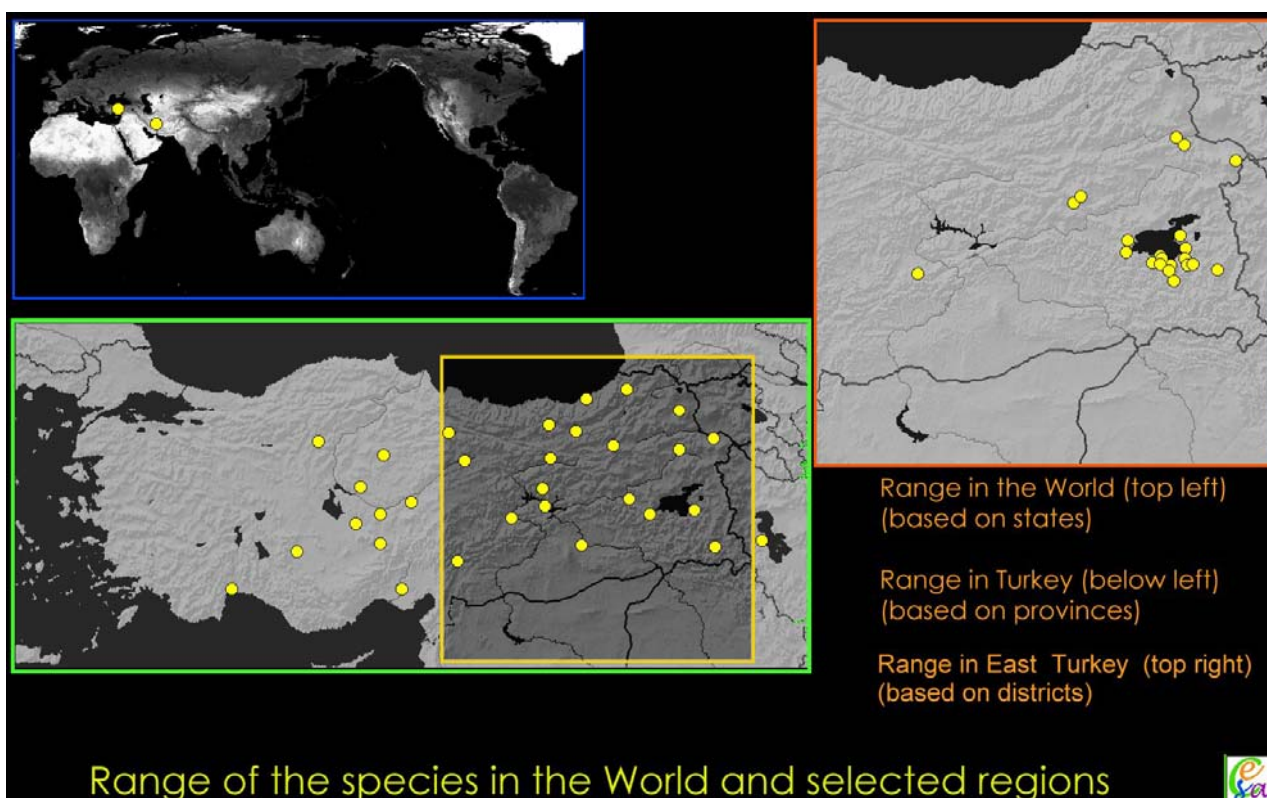


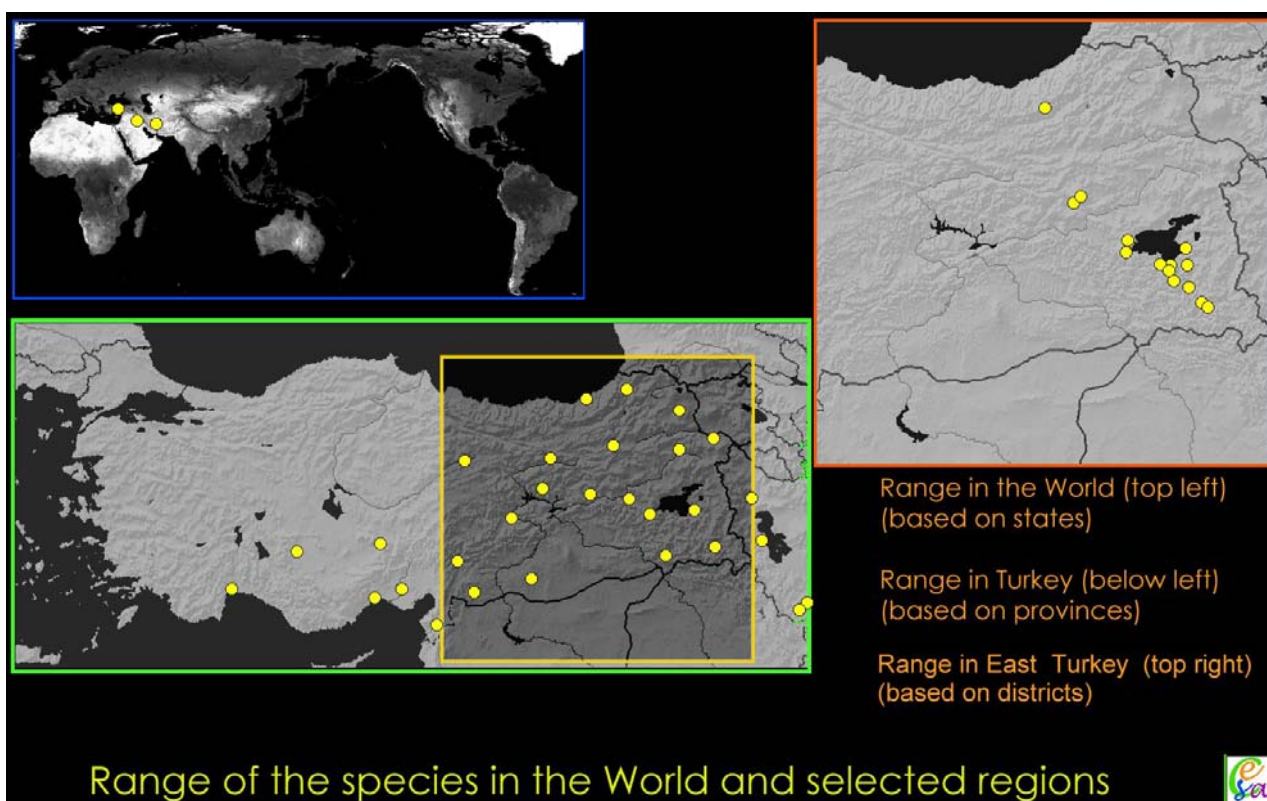
Map 1 (1) - *Aglais urticae* (Linnaeus, 1758) (Argynnidae)



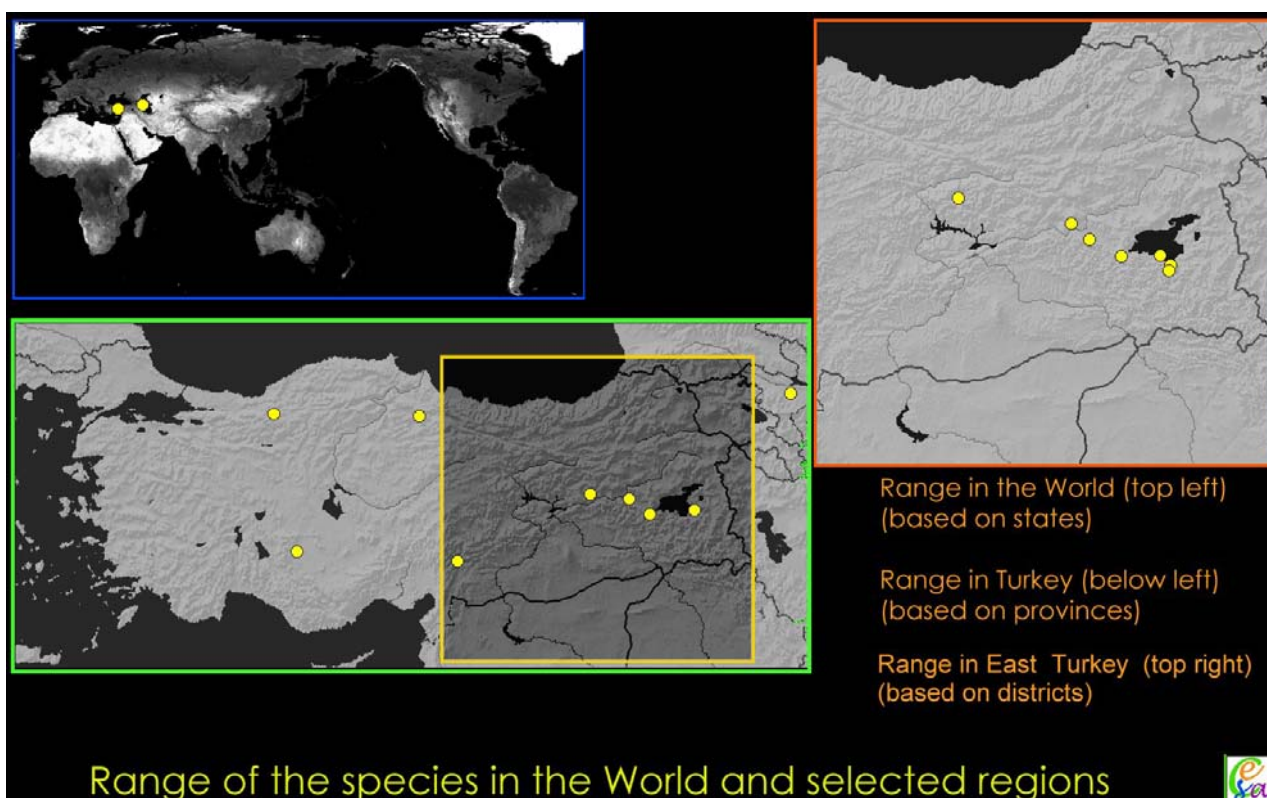
Map 2 (3) - *Argynnis (Pandoriana) pandora* ([Denis & Schifferrmüller], 1775) (Argynnidae)

Map 3 (25) - *Pyrgus armoricanus* (Oberthür, 1910) (Hesperiidae)Map 4 (48) - *Polyommatus* (Albulina (Plebejidea)) *loewii* (Zeller, 1847) (Lycaenidae)

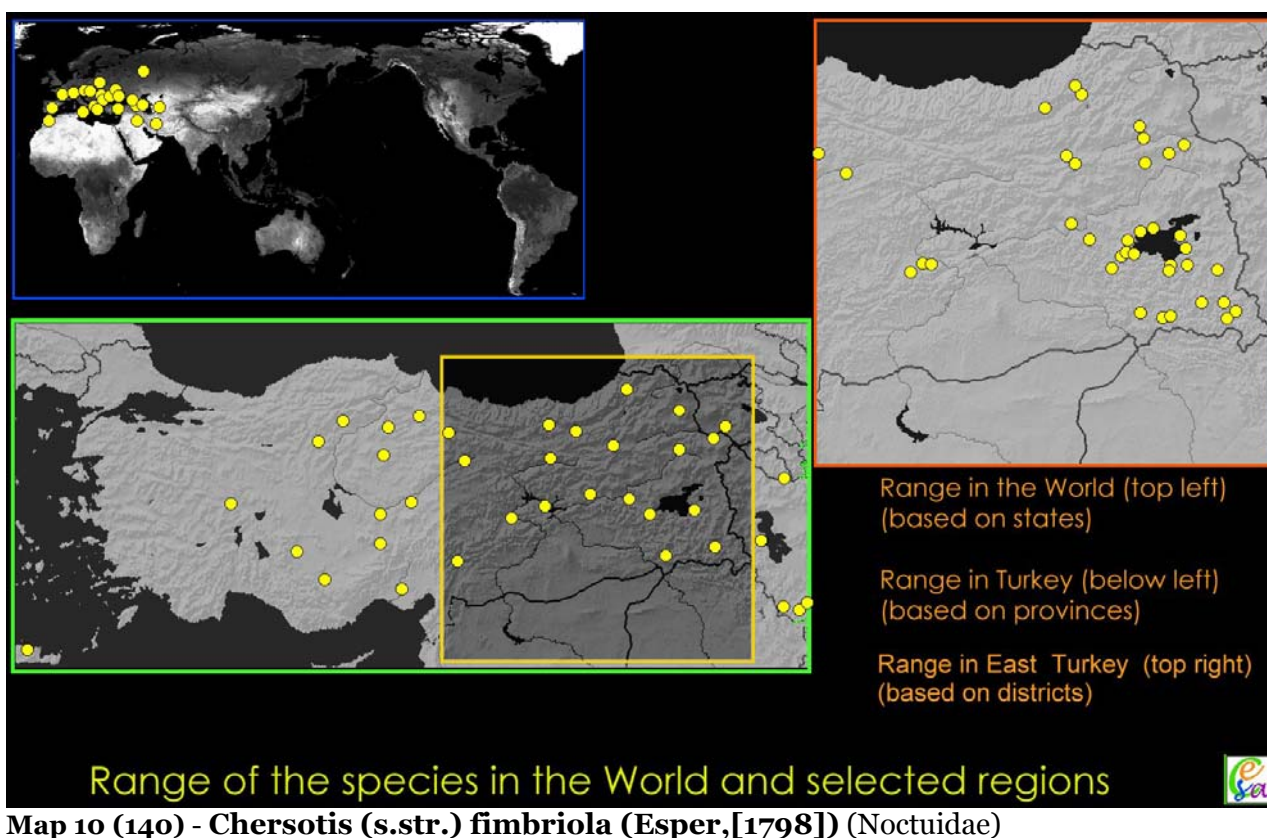
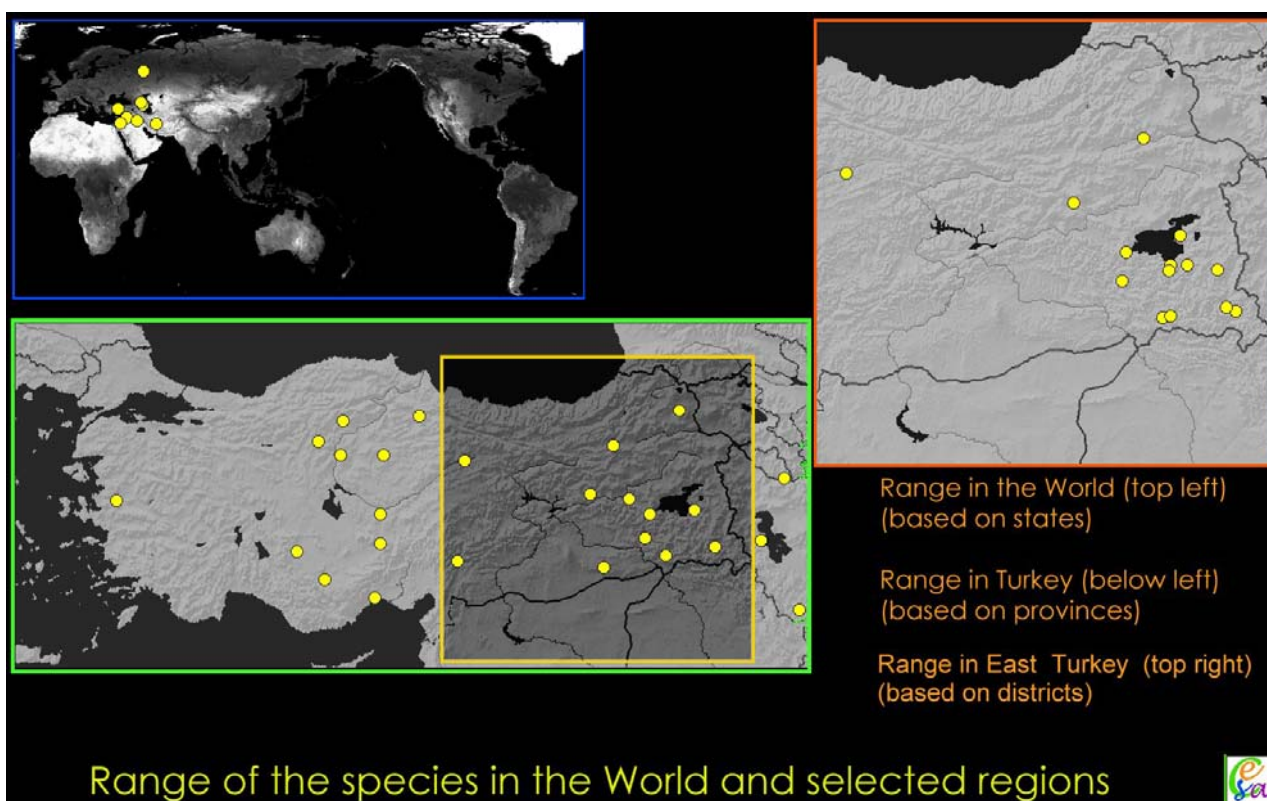
Map 5 (67) - *Archon apollinaris* (Staudinger, [1892]) (Papilionidae)Map 6 (84) - *Chazara (s.str.) bischoffi* (Herrich-Schäffer, [1846]) (Satyridae)

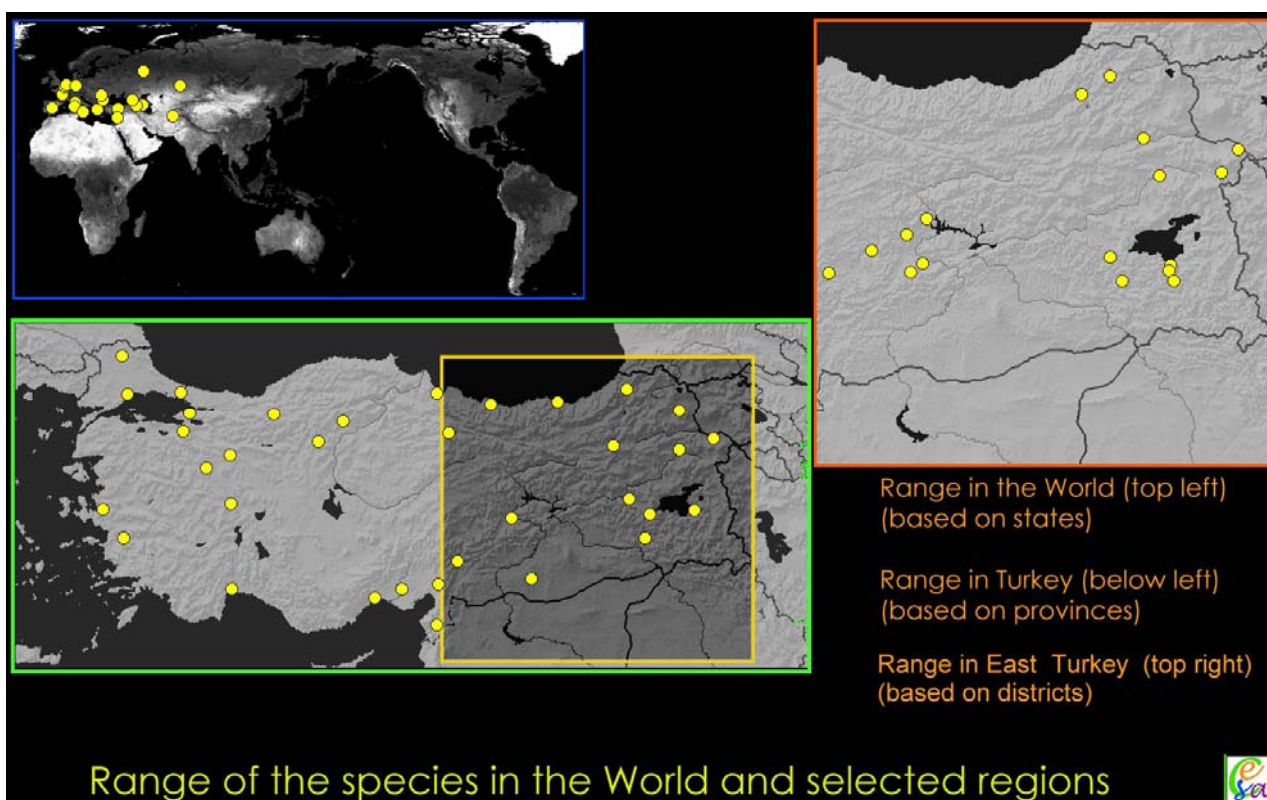
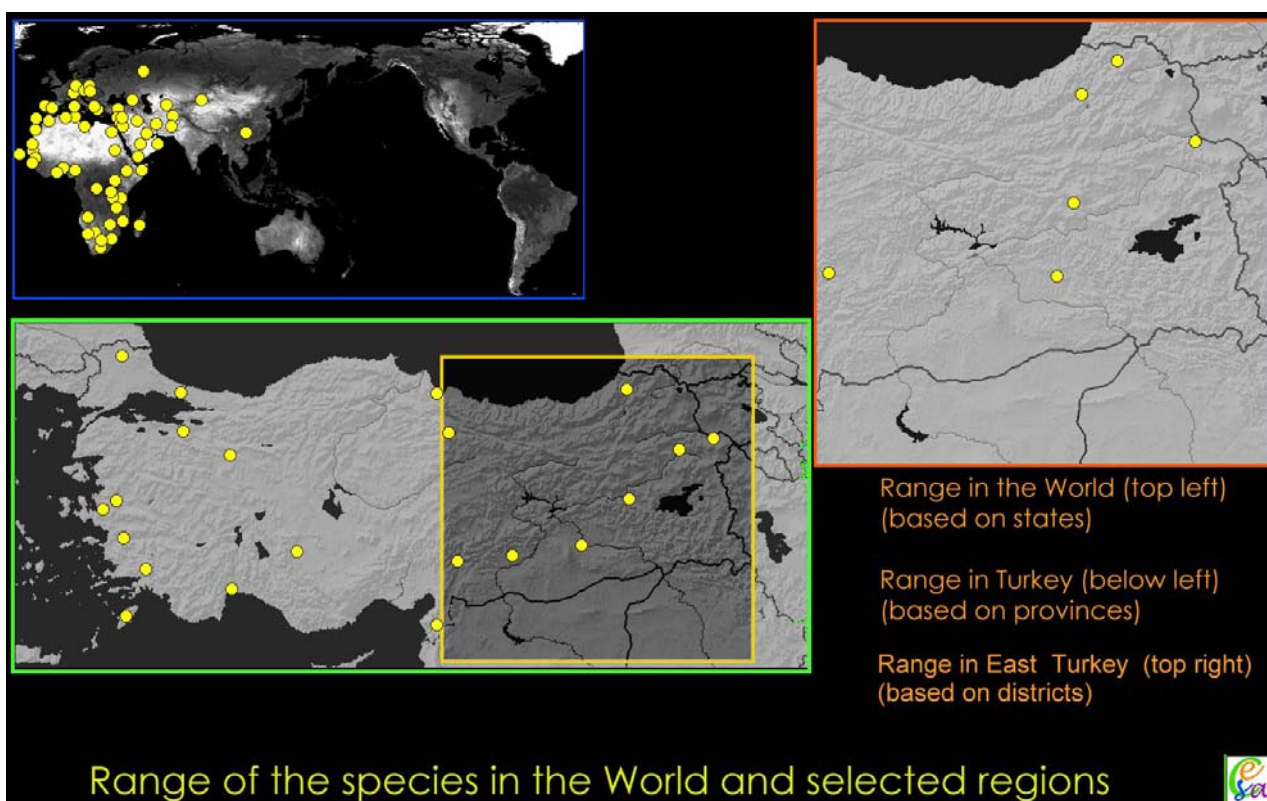


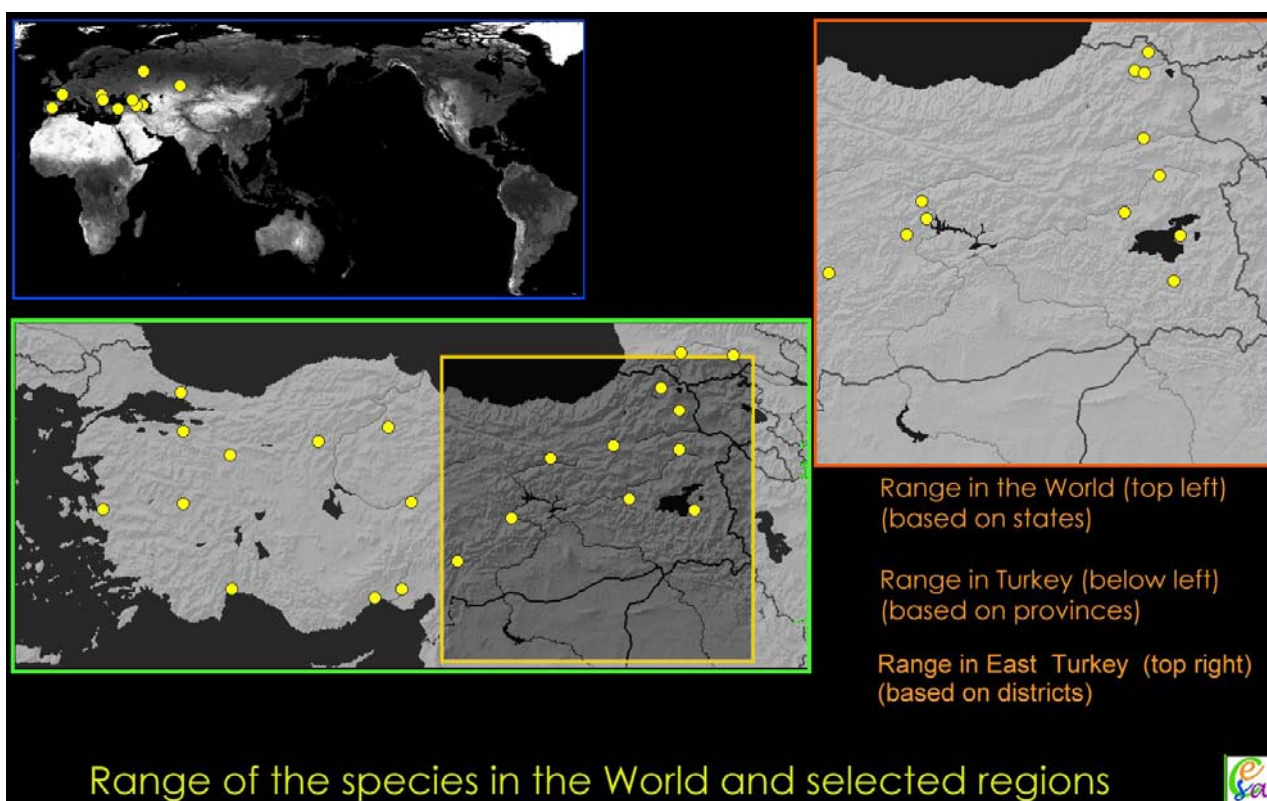
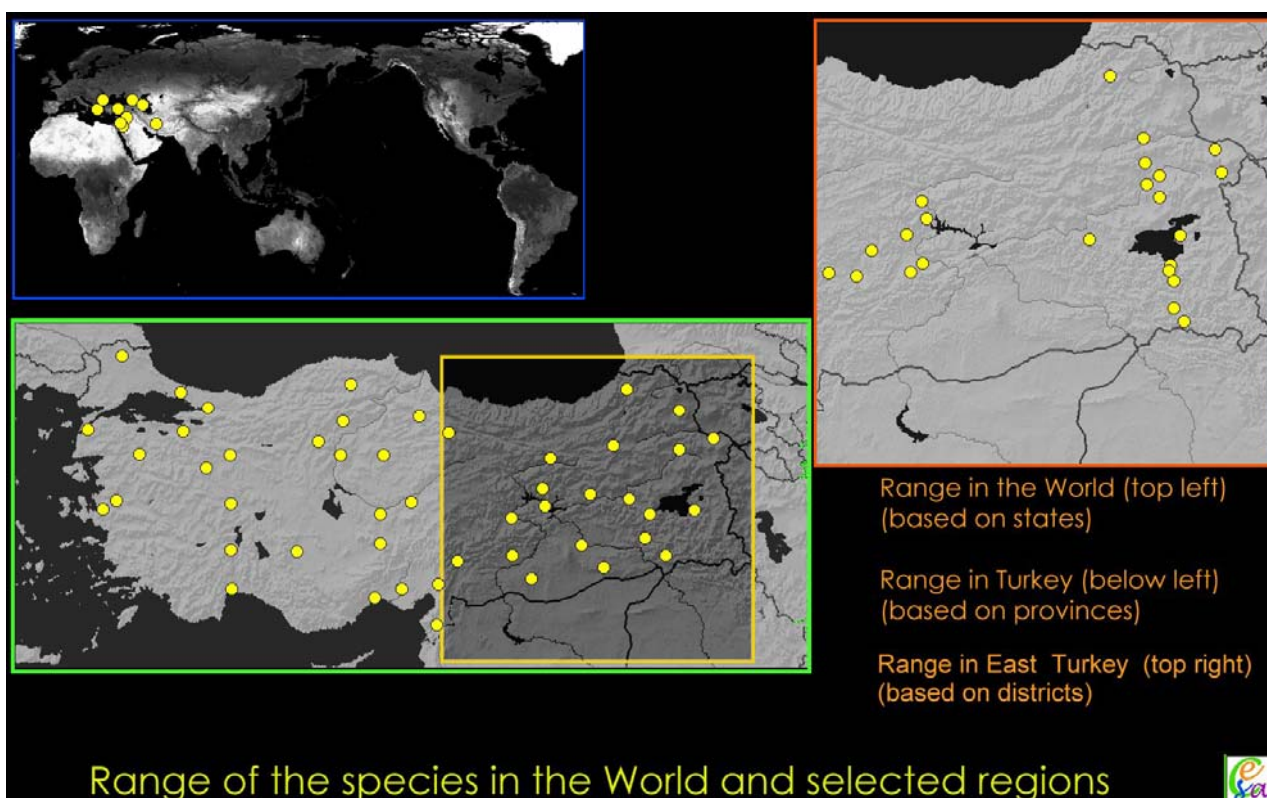
Map 7 (96) - *Satyrus (s.str.(s.str.)) favonius* Staudinger, [1892] (Satyridae)

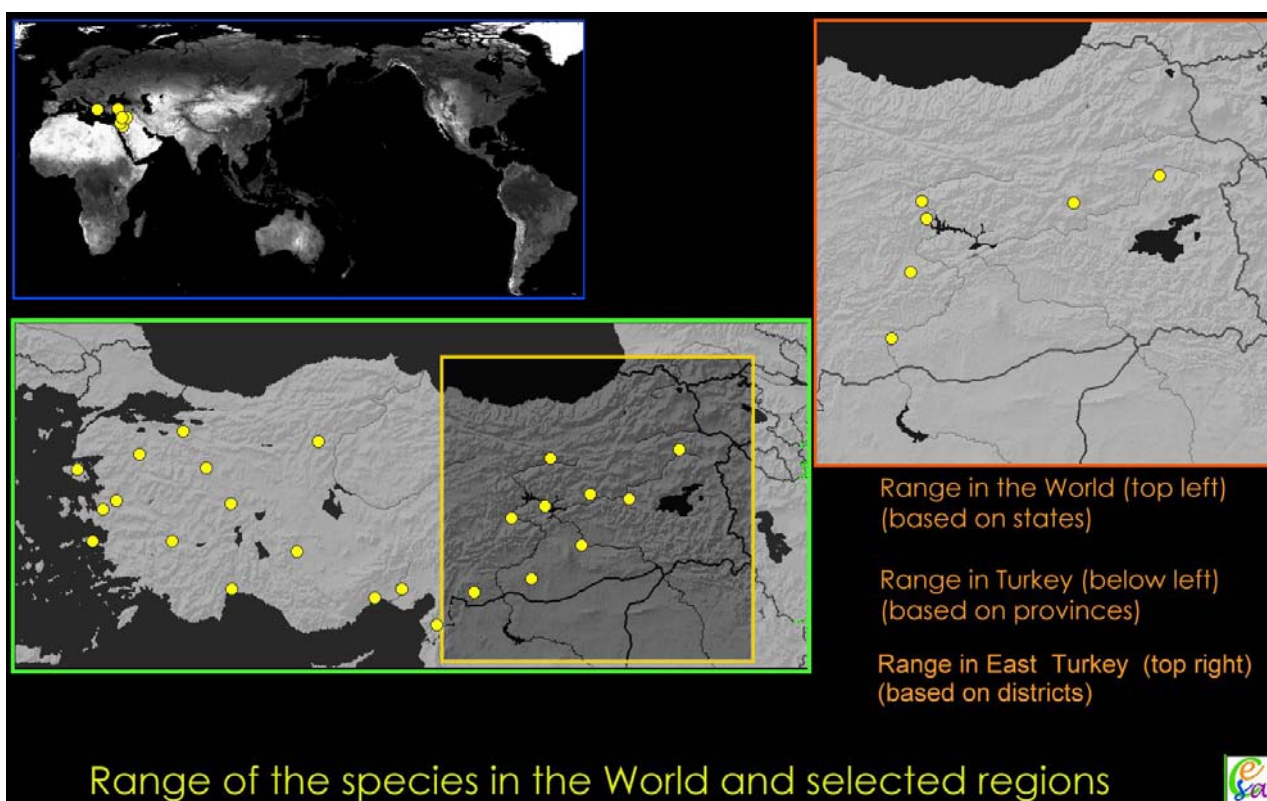
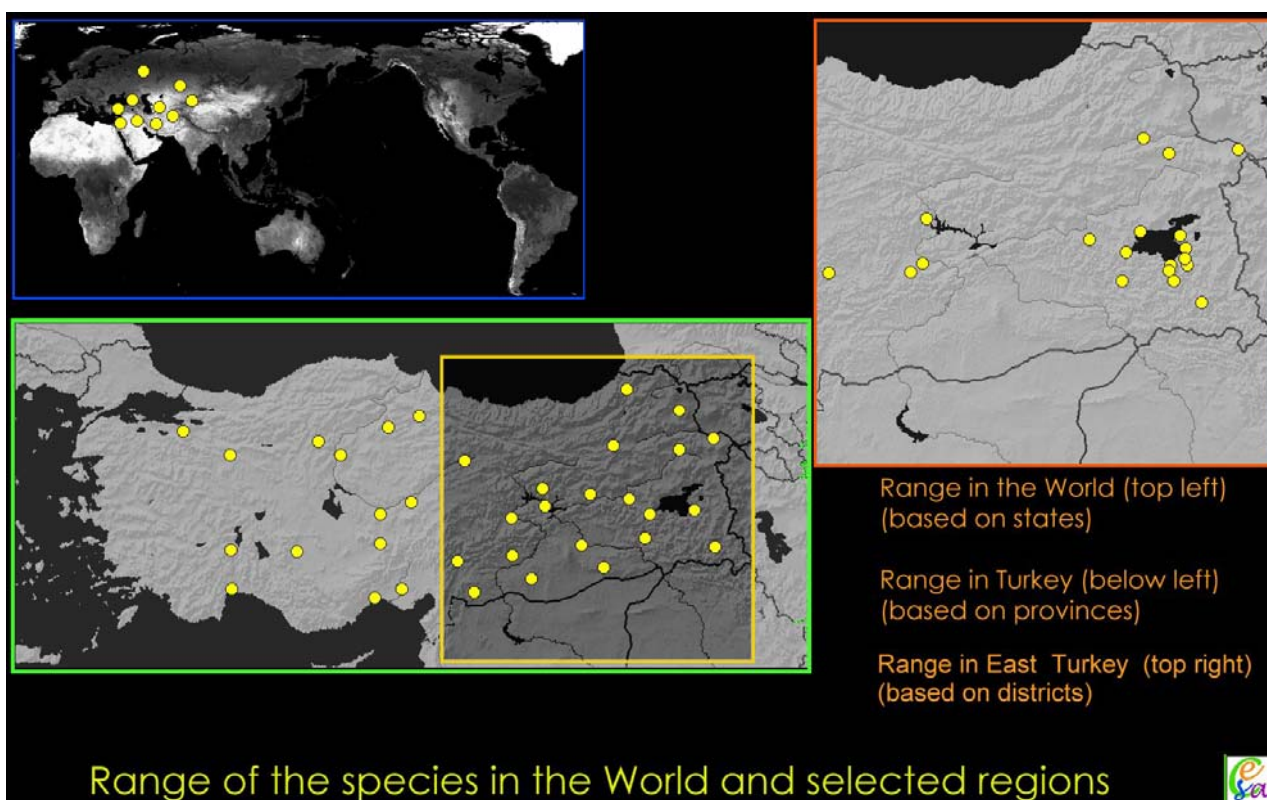


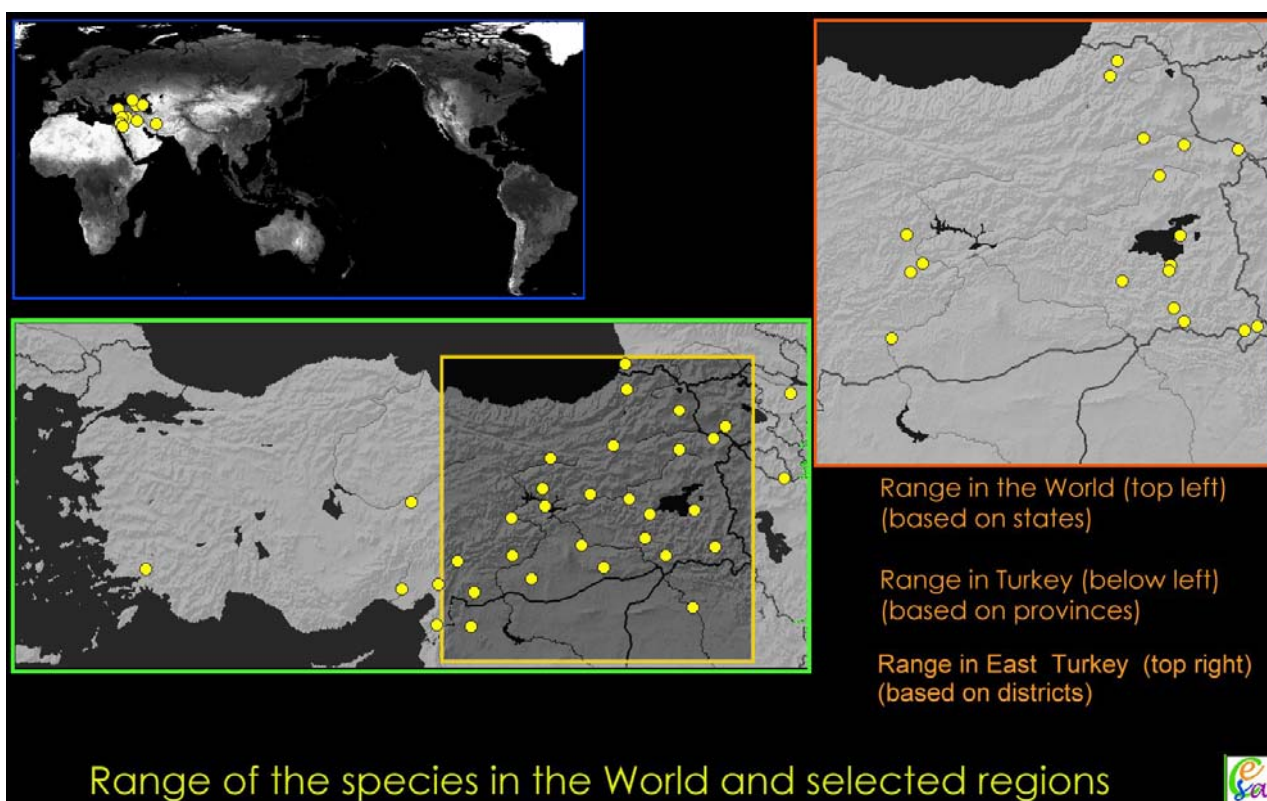
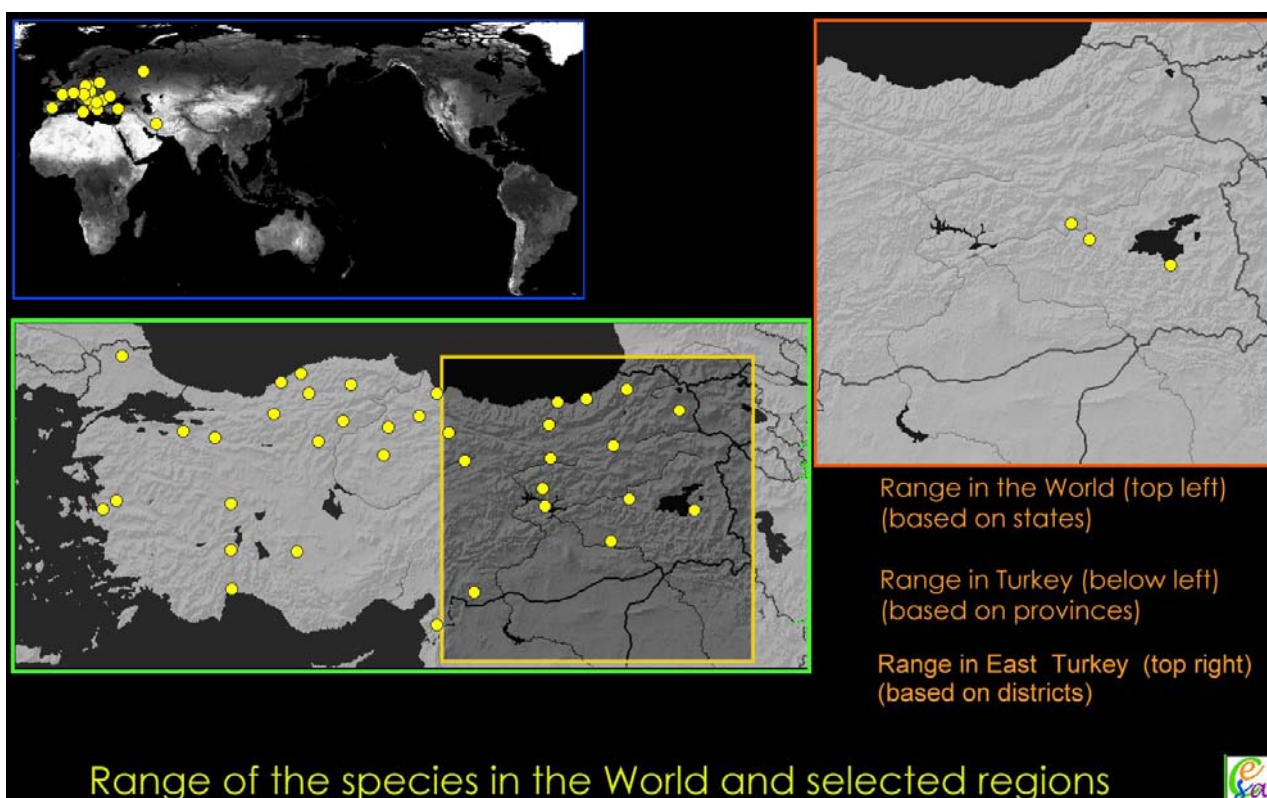
Map 8 (111) - *Orthostixis calcularia* Lederer, 1853 (Geometridae)





Map 13 (257) - *Celes variabilis* (Pallas, 1771) (Acrididae)Map 14 (265) - *Dociostaurus* (Notostaurus) *anatolicus* Krauss, 1896 (Acrididae)

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